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USAFETAC/DS-78/001

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USAFETAC

Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

TINKER AFB OK/OKLAHOMA CITY
N 35 25 W 097 23 ELEV 1291 FT KTIK WBAN# 13919
WMO# 723543

POR FROM HOURLY OBS: DEC 42-FEB 46, SEP 46-DEC 72
POR FROM DAILY OBS: DEC 42-FEB 46, SEP 46-DEC 72

JUN 11 1975

FEDERAL BUILDING

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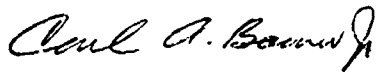
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This technical report has been reviewed and is approved for publication.



CARL A BOWER, JR
Chief, Data Reference Section
Climatological Services Branch

FOR THE COMMANDER



WALTER S BURGMANN
Scientific & Technical Information Officer

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM																
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																		
18. SUPPLEMENTARY NOTES																		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*Climatological Data</td> <td>Daily temperature</td> <td>*RUSSWO</td> </tr> <tr> <td>*Tinker AFB, OK</td> <td>Extreme temperature</td> <td>*Oklahoma</td> </tr> <tr> <td>Climatology</td> <td>Surface winds</td> <td>Extreme snow depth</td> </tr> <tr> <td>Snowfall</td> <td>Sea level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Ceiling versus Visibility</td> <td>Extreme surface winds</td> <td>Atmospheric pressure (over)</td> </tr> </table>				*Climatological Data	Daily temperature	*RUSSWO	*Tinker AFB, OK	Extreme temperature	*Oklahoma	Climatology	Surface winds	Extreme snow depth	Snowfall	Sea level pressure	Psychrometric summary	Ceiling versus Visibility	Extreme surface winds	Atmospheric pressure (over)
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Ceiling versus Visibility	Extreme surface winds	Atmospheric pressure (over)																
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This six-part statistical summary of surface weather observations for Tinker AFB, Oklahoma City, Oklahoma contains the following parts: (A) Weather Conditions and Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow depth; (C) Surface winds; (D) Ceiling versus visibility; Sky cover; (E) Daily Temperature: Maximum, Minimum and Mean; Extreme Temperature: Maximum and Minimum; Psychrometric Summary of dry-bulb versus wet-bulb temperature; Mean and Standard Deviations of Temperatures: Dry bulb, Wet bulb and Dew point; Relative Humidity; (F) Station (atmospheric) pressure; sea level pressure. Data in this (over)																		

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19. Relative Humidity

Dry-bulb temperature versus wet-bulb temperature

Percentage frequency of distribution tables

Cumulative percentage frequency of distribution tables

20. report are presented in tabular form; in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APRIL	JULY	OCTOBER
FEBRUARY	MAY	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER

78 09 29 019

STATION NO ON SUMMARY		STATION NAME		LONGITUDE		STATION ELEV. (FT)		CALL SIGN		WMO NUMBER	
13919		TINKER AFB OKLAHOMA/OKLAHOMA CITY		N 35 25 W 097 23		1301		KTK		72354	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Tinker Fld AAF Oklahoma	AAF	Dec 42	Feb 46	N 35 26	W 097 23	1257	1260	24
2	Same	Same	Sep 46	May 48	Same	Same	Same	Same	24
3	Tinker AFB Oklahoma	AFB	Jun 48	Aug 49	Same	Same	Same	1256	24
4	Same	Same	Sep 49	Feb 50	Same	Same	Same	1234	24
5	Same	Same	Mar 50	May 50	N 35 25	Same	Same	1240	24
6	Same	Same	Jun 50	Feb 55	Same	Same	127	1260	24
7	Same	Same	Mar 55	Jan 56	Same	Same	Same	1262	24
8	Same	Same	Feb 56	Feb 58	Same	Same	1301	Same	24
9	Same	Same	Mar 58	Feb 61	Same	Same	Same	1260	24
10	Same	Same	Mar 61	21 Oct 63	Same	Same	Same	1353	24
11	Same	Same	22 Oct 63	Dec 72	Same	Same	Same	1260	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	
		LOCATION	TYPE OF TRANSMITTER	DATE OF RECORDER	HT ABOVE GROUND		
1	Dec 42 to Feb 46	Not available.	Seisyn	ML-144	N/A		
2	Sep 46 to Dec 48	Not available.	Same	Same	N/A		
3	Jan 49 to Nov 50	Not available.	Same	Same	N/A		
4	Dec 50 to Feb 59	Located on top of Hangar over the Station.	Same	Same	95 Ft		
5	Mar 59 to Feb 62	Located 1/4 mile W of N-S Rwy and 1 mile S of Weather Station in open field.	AN/GMC-11	RO-2	13 Ft		
6	Mar 62 to Feb 63	Located 1100 ft W of N-S Rwy centerline, 3/4 mile S of Stn in open field.	Same	Same	Same		

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PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunder, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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WEATHER CONDITIONS

13919

STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

42-72

YEARS

ALL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	5.3	1.7	4.0		10.6	12.8	.7	.6	.3	14.2	22160
FEB		.3	7.1	1.2	2.9	.0	10.8	12.4	.6	.4	.7	13.9	19689
MAR		.6	6.3	.3	2.1	.0	8.4	7.5	.6	.3	1.3	9.7	21438
APR		1.7	6.6	.0	.1	.0	6.6	4.1	.4		1.0	5.5	20727
MAY		3.2	7.9			.0	7.9	3.8	.5		.1	4.4	21486
JUN		2.5	4.6			.0	4.6	1.3	.7		.1	2.0	20457
JUL		2.0	4.0			.0	4.0	1.0	.2		.0	1.2	21142
AUG		1.7	3.5				3.5	1.4	.4		.0	1.8	21517
SEP		1.4	5.3			.0	5.3	3.7	.5		.0	4.1	21537
OCT		.6	5.1	.0	.0	.0	5.2	4.0	.3		.1	4.4	22290
NOV		.3	5.6	.2	.8		6.3	5.8	.6	.0	.1	6.4	21500
DEC		.1	6.1	1.3	2.1	.0	9.4	11.7	.7	.2	.2	12.5	22644
TOTALS		1.2	5.6	.4	1.0	.0	6.9	5.8	.5	.1	.3	6.7	256587

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WEATHER CONDITIONS

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH.	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.1	5.8	1.7	3.7		10.9	12.9	.4	.5	.3	13.9	2765
	03-05	.1	5.6	2.1	3.5		11.0	13.7	.3	.6	.3	14.7	2774
	06-08	.0	6.3	2.1	4.5		12.4	15.3	1.1	.6	.1	16.9	2776
	09-11	.0	5.5	2.0	5.9		12.5	17.4	1.3	.9	.2	19.5	2768
	12-14		4.3	1.4	4.7		9.8	12.3	.6	.6	.5	13.8	2772
	15-17	.1	5.1	1.5	3.1		9.2	10.3	.8	.5	.6	11.9	2773
	18-20	.1	4.9	1.5	2.8		8.8	9.5	.8	.3	.4	10.9	2770
	21-23	.1	5.2	1.6	3.7		10.1	11.1	.3	.5	.3	11.9	2762
TOTALS		.1	5.3	1.7	4.0		10.6	12.8	.7	.6	.3	14.2	22160

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.2	6.9	1.3	2.8		10.8	12.3	.3	.3	.7	13.4	2463
	03-05	.3	7.2	1.6	3.8	.0	12.5	13.8	.2	.3	.4	14.6	2461
	06-08	.2	8.7	1.2	3.8	.0	13.3	16.1	.9	.6	.3	17.6	2460
	09-11	.1	8.2	1.3	3.7		12.5	16.9	1.1	.5	.8	19.2	2463
	12-14	.2	7.1	.8	2.8		10.4	10.4	.9	.5	.8	12.4	2461
	15-17	.2	6.1	.9	2.2	.0	9.1	9.4	.6	.5	1.1	11.3	2458
	18-20	.6	6.1	1.1	1.9	.0	8.9	9.6	.2	.3	1.1	10.9	2459
	21-23	.5	6.1	1.0	2.2		9.0	10.3	.4	.4	.7	11.6	2464
TOTALS		.3	7.1	1.2	2.9	.0	10.8	12.4	.6	.4	.7	13.9	19689

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919

STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.9	6.8	.3	1.3		8.4	6.4	.3	.3	.9	7.9	2681
	03-05	.5	7.1	.5	1.5	.1	8.6	8.0	.2	.3	.9	9.3	2685
	06-08	.4	7.1	.7	2.3	.1	9.7	12.7	.9	.2	1.0	14.7	2670
	09-11	.4	6.5	.4	3.4		9.8	10.5	.8	.3	.9	12.5	2683
	12-14	.4	5.1	.3	2.4	.0	7.5	6.4	.6	.3	1.6	8.9	2683
	15-17	.5	5.4	.1	2.5	.0	7.8	5.0	.6	.5	2.3	8.3	2682
	18-20	.9	6.1	.1	2.0	.0	8.0	5.7	.7	.4	1.8	8.6	2671
	21-23	.6	5.9	.2	1.4		7.4	5.6	.4	.3	1.3	7.7	2633
TOTALS		.6	6.3	.3	2.1	.0	8.4	7.5	.6	.3	1.3	9.7	21438

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	2.4	6.2	.0			6.2	3.5	.1		.7	4.2	2594
	03-05	2.1	7.2	.0	.1		7.3	5.4	.2		.5	6.0	2596
	06-08	1.2	7.3		.2		7.4	9.6	.8		.6	10.8	2591
	09-11	.7	6.4		.0	.0	6.4	5.0	.6		1.1	6.6	2591
	12-14	1.0	6.1	.0	.1		6.2	2.4	.4		1.4	4.1	2591
	15-17	1.2	6.3		.1		6.4	2.1	.5		1.3	3.9	2591
	18-20	2.9	7.1			.0	7.1	2.6	.5		1.7	4.7	2584
	21-23	2.1	5.9	.0		.1	6.0	2.5	.1		1.0	3.6	2589
TOTALS		1.7	6.6	.0	.1	.0	6.6	4.1	.4		1.0	5.5	20727

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	5.6	8.4			.0	8.4	2.9	.1			3.0	2690
	03-05	3.7	10.0				10.0	5.7	.5			6.2	2689
	06-08	2.1	8.9				8.9	9.0	1.0		.1	9.9	2681
	09-11	1.9	8.2			.0	8.2	4.4	.5		.1	5.0	2684
	12-14	1.5	6.5				6.5	2.6	.5		.2	3.4	2680
	15-17	2.5	6.4			.1	6.4	2.3	.4		.2	2.8	2688
	18-20	3.3	6.6			.1	6.6	1.7	.6		.1	2.3	2691
	21-23	5.1	8.0				8.0	1.7	.4		.1	2.2	2683
TOTALS		3.2	7.9			.0	7.9	3.8	.5		.1	4.4	21486

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION

STATION NAME

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	4.4	5.6				5.6	.9	.4		.1	1.4	2557
	03-05	4.5	6.4				6.4	2.5	.5			3.0	2555
	06-08	2.1	6.9				6.9	4.3	1.5		.2	5.7	2554
	09-11	1.4	4.7				4.7	1.2	.9		.0	2.1	2563
	12-14	.6	2.8				2.8	.5	.5		.0	1.1	2558
	15-17	1.7	2.8			.1	2.8	.3	.4		.1	.8	2557
	18-20	2.1	2.7			.0	2.7	.2	.6		.1	.9	2560
	21-23	3.1	4.7			.0	4.7	.4	.4			.8	2553
TOTALS		2.5	4.6			.0	4.6	1.3	.7		.1	2.0	20457

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

STATION NAME

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.4	3.4				3.4	.8	.0			.8	2648
	03-05	3.3	5.1				5.1	2.2	.2			2.4	2646
	06-08	2.2	6.0				6.0	3.0	1.1			3.9	2641
	09-11	1.2	4.7				4.7	.8	.1			.9	2639
	12-14	1.2	3.5				3.5	.2	.0			.2	2642
	15-17	2.0	3.6			.0	3.6	.1	.1		.0	.2	2641
	18-20	1.9	2.6				2.6	.4	.2			.6	2643
	21-23	2.1	2.8				2.8	.2				.2	2642
TOTALS		2.0	4.0			.0	4.0	1.0	.2		.0	1.2	21142

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919

STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45,47-72

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.9	3.8				3.8	1.1	.1			1.2	2686
	03-05	3.7	5.5				5.5	2.1	.1			2.2	2686
	06-08	1.3	4.8				4.8	4.6	1.6			6.1	2692
	09-11	.2	3.7				3.7	1.8	1.0			2.7	2693
	12-14	.8	2.9				2.9	.5	.3			.7	2686
	15-17	1.3	2.3				2.3	.3	.1			.3	2688
	18-20	1.7	2.2				2.2	.3	.1		.1	.4	2692
	21-23	1.5	2.4				2.4	.4				.4	2694
TOTALS		1.7	3.5				3.5	1.4	.4		.0	1.8	21517

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.6	4.9				4.9	2.9	.1			3.0	2692
	03-05	1.4	6.0				6.0	5.3	.2			5.4	2695
	06-08	2.0	7.8			.0	7.8	9.8	1.4			10.8	2695
	09-11	1.0	5.7				5.7	5.1	1.1		.0	5.9	2684
	12-14	.7	3.8				3.8	1.9	.4			2.2	2696
	15-17	.9	3.9			.0	3.9	1.4	.4		.1	1.9	2695
	18-20	1.8	4.7				4.7	1.7	.6		.1	2.2	2684
	21-23	2.0	5.2			.1	5.2	1.6			.1	1.7	2696
TOTALS		1.4	5.3			.0	5.3	3.7	.5		.0	4.1	21537

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAC

WEATHER CONDITIONS

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

UCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
UCT	00-02	.9	4.9				4.9	3.4	.2		.1	3.8	2707
	03-05	.9	6.1				6.1	5.1	.1			5.1	2788
	06-08	.2	6.3				6.3	8.5	.8		.0	9.2	2784
	09-11	.5	5.6				5.6	5.5	.3		.0	5.8	2787
	12-14	.5	4.6		.0		4.6	2.7	.3		.1	3.1	2785
	15-17	.5	4.5		.1	.0	4.5	2.3	.3		.4	2.9	2783
	18-20	.5	4.3		.1	.0	4.3	2.1	.1		.1	2.4	2786
	21-23	1.0	4.8	.0	.1		4.9	2.5	.1		.1	2.7	2790
TOTALS		.6	5.1	.0	.0	.0	5.2	4.0	.3		.1	4.4	22290

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAAC

WEATHER CONDITIONS

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS NDV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NDV	00-02	.4	5.9	.1	.9		6.6	5.4	.3		.1	5.8	2687
	03-05	.3	6.0	.1	1.1		7.0	6.1	.3		.0	6.4	2687
	06-08		6.9	.1	.7		7.5	9.5	1.0			10.4	2686
	09-11	.3	6.3	.3	.6		7.2	7.6	1.0	.0	.3	8.8	2684
	12-14	.3	5.6	.3	.6		6.4	4.7	.3		.2	5.3	2690
	15-17	.3	4.4	.1	.9		5.2	4.2	.5		.0	4.6	2694
	18-20	.1	4.7	.1	.6		5.4	4.1	.8	.0	.1	4.9	2684
	21-23	.4	4.7	.1	.7		5.4	4.4	.6		.1	4.9	2688
TOTALS		.3	5.6	.2	.8		6.3	5.8	.6	.0	.1	6.4	21500

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13919
STATION

TINKER AFB OK/OKLAHOMA CITY
STATION NAME

42-72

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.1	6.1	1.5	2.0		9.5	11.3	.3	.2	.1	11.8	2830
	03-05	.1	5.7	1.9	1.3		9.3	13.0	.2	.2	.2	13.5	2831
	06-08	.4	6.4	1.7	2.4		10.3	14.7	1.1	.3	.1	15.8	2829
	09-11		6.5	1.0	2.5		9.7	14.3	1.3	.2	.1	15.5	2840
	12-14	.0	5.8	1.1	2.2		8.7	10.0	.8	.2	.1	10.8	2833
	15-17		6.2	1.1	2.0		9.1	10.4	.8	.1	.1	11.0	2836
	18-20	.2	5.9	1.1	2.0	.0	8.8	9.6	.6	.1	.4	10.4	2820
	21-23	.0	6.3	1.3	1.9		9.4	10.1	.5	.2	.3	10.8	2825
TOTALS		.1	6.1	1.3	2.1	.0	9.4	11.7	.7	.2	.2	12.5	22644

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XX WEATHER CONDITIONS XX
ATMOSPHERIC PHENOMENA

13919

TINKER AFB OK/OKLAHOMA CITY

46-72

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.8	26.3	7.2	17.2	.2	34.8	33.2 ₀	5.3	3.3	.2	36.8	837
FEB		4.2	29.5	5.0	12.7	1.1	34.6	32.5 ₉	5.0	2.4	1.1	35.8	742
MAR		8.1	28.3	2.1	10.3	1.4	31.9	27.3 ₈	3.9	1.6	1.6	30.7	805
APR		18.5	37.0	.1	.6	2.8	36.3	20.3 ₆	3.2		.3	21.4	779
MAY		27.3	43.0			2.6	41.8	19.4 ₆	2.9		.1	20.5	306
JUN		26.0	36.7			1.4	35.9	9.8 ₃	3.1		.3	12.0	777
JUL		21.0	31.3			.9	30.4	8.6 ₃	2.0			9.7	806
AUG		16.5	28.8			.4	27.2	9.7 ₃	3.6		.2	11.8	806
SEP		14.0	33.1			.7	30.0	19.3 ₆	5.3		.1	20.9	810
OCT		7.6	26.7	.1	.2	.2	25.3	17.1 ₅	1.7			18.3	837
NOV		4.1	22.8	.7	4.6	.2	24.0	19.6 ₆	3.1	.1		21.1	810
DEC		2.2	27.3	5.3	9.3	.2	29.5	30.7 ₀	4.8	1.2	.2	32.4	837
TOTALS		12.6	30.9	1.7	4.6	1.0	31.8	20.6	3.7	.7	.3	22.6	9552

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
 Jan 45-May 47 at 1230GMT
 Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
 Jul 52-May 57 at 1230GMT
 Jun 57-present at 1200GMT

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX
EXCEEDING VALUES
XXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43													
44													
45													
46	TRACE*	.0							.0	.0	.0	TRACE	4.5
47	4.2	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	35.8
48	24.5	.4	10.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	20.5
49	19.5	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.9	7.7
50	4.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	2.1	.8	12.0
51	3.0	6.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.9	TRACE	4.8
52	2.1	2.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.7
53	3.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	15.3
54	4.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	9.1	6.8
55	3.8	.2	1.7	.0	.0	.0	.0	.0	.0	.0	1.1	TRACE	5.2
56	.3	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.3	.3
57	.1	.0	TRACE	.2	.0	.0	.0	.0	.0	TRACE	TRACE	.0	22.9
58	3.4	1.3	6.0	.0	.0	.0	.0	.0	.0	.0	1.2	11.0	5.0
59	2.5	1.1	1.3	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	17.6
60	7.5	4.5	2.3	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.5
61	.3	6.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.6
62	3.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	5.0
63	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	2.8
64	TRACE	TRACE	2.8	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.3
65	4.3	1.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.3
66	3.6	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	* 2.9
67	TRACE	TRACE	1.9	.0	.0	.0	.0	.0	.0	TRACE	.4	.2	26.0
68	.2	7.7	17.9	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	7.8
69	TRACE	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	7.4	4.0
70	2.0	TRACE	1.0	1.0	.0	.0	.0	.0	.0	.0	TRACE	.0	11.2
71	TRACE	4.1	.9	.0	.0	.0	.0	.0	.0	.0	.2	6.0	11.5
72	TRACE	4.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	1.2	9.89
MEAN	3.61	1.77	1.89	.05	.00	.00	.00	.00	.00	TRACE	.54	1.75	8.442
S.D.	5.734	2.286	4.022	.198	.000	.000	.000	.000	.000	.000	1.356	3.055	9657
TOTAL OBS.	837	742	806	780	806	780	806	806	810	837	810	837	

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS

STATION NAME

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43		.02	.55	2.28	2.33	9.16	1.53	.09	.63	.95	1.05	.34	3.29	22.22
44		2.51	1.36	2.47	3.25	4.42	4.54	1.32	2.19	2.73	5.43	2.68	2.24	35.14
45		1.26	2.50	4.02	4.42	3.88	13.54	5.73	2.32	10.78	.42	.07	.03	48.97
46		5.36	TRACE							.48	.75	2.36	2.84	
47		.29	TRACE	.36	8.69	6.62	2.57	6.44	.01	.83	1.07	1.37	1.62	29.87
48		.32	2.07	5.16	.97	4.91	9.70	2.10	1.12	TRACE	.38	1.03	.53	28.35
49		6.09	1.23	1.37	.74	6.05	5.36	2.45	2.00	2.06	5.06	.00	1.28	33.69
50		.78	1.33	.23	.86	10.58	2.13	8.22	2.15	2.12	.28	.84	.16	29.68
51		.76	2.81	.88	4.64	6.73	4.97	3.30	3.31	4.46	1.97	1.23	.04	35.10
52		1.08	2.46	3.48	2.08	9.78	.35	2.91	2.21	.53	TRACE	2.04	.79	27.71
53		.44	1.27	3.76	4.00	2.46	2.19	4.62	3.24	.54	7.48	1.14	.88	32.02
54		.66	.82	.64	3.24	5.73	1.04	.05	.92	1.11	1.43	.07	1.64	17.35
55		1.28	.97	1.61	1.87	10.53	3.45	.29	2.31	5.64	6.08	.11	.02	34.16
56		.32	.68	.50	2.79	4.90	2.12	1.92	.63	.12	1.18	2.01	3.48	20.65
57		2.08	1.08	1.92	7.98	11.35	11.18	.74	2.15	4.87	2.06	.81	1.89	49.29
58		1.41	1.33	3.35	4.03	2.18	8.94	2.24	3.79	2.21	.06	1.50	3.35	32.24
59		.36	1.14	2.35	1.71	7.06	4.09	7.95	2.90	6.94	5.47	1.50	3.35	44.82
60		1.61	2.45	.65	4.41	8.49	4.80	7.09	2.08	1.30	3.70	.64	3.24	40.46
61		.03	1.13	1.66	1.15	2.33	3.31	7.95	1.31	11.32	2.78	4.22	.85	38.04
62		.68	.75	1.00	2.87	2.74	9.48	1.89	1.35	3.97	1.94	1.46	.82	28.95
63		.22	.23	3.22	3.62	1.62	1.57	7.45	1.25	1.94	.21*	1.51	1.00	*23.84
64		.76	2.58	1.96	2.35	4.60	.56	.82	4.08	4.00	1.33	7.26	.69	30.99
65		2.00	1.24	.85	2.38	3.95	2.27	1.97	6.20	4.53	.95	.16	3.28	29.78
66		.68	1.73	.86	3.69	.34	2.33	3.14	9.27	3.05	.52	.84	.26	26.71
67		.24	.37	2.59	6.70	3.90*	5.09	1.24	1.82	4.62	2.61	.26	.71	*30.15
68		2.37	.94	3.65	3.04	8.58	1.06	1.03	2.27	4.68	3.07	5.24	1.55	37.48
69		.90	2.04	2.65	1.72	3.78	4.90	2.59	1.97	3.64	2.70	.27	2.53	29.69
70		.17	.50	2.21	2.97	7.12	2.46	.98	.61	9.43	4.69	1.14	.32	32.60
71		.75	1.88	.11	1.56	3.33	3.98	4.51	2.15	4.63	4.98	.11	2.79	30.18
72		.37	.55	.88	4.11	4.66	1.84	3.91	2.36	.77	6.68	3.25	.75	30.13
MEAN		1.193	1.266	1.954	3.247	5.579	4.184	3.274	2.366	3.475	2.544	1.561	1.463	32.099
S.D.		1.403	.790	1.319	1.947	2.938	3.353	2.600	1.811	3.022	2.210	1.672	1.148	7.370
TOTAL OBS.		930	827	899	870	899	869	899	899	900	930	897	930	10749

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

STATION STATION NAME YEARS

PRECIP.	NONE	TRACE	0.1	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
																MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	64.6	18.9	2.4	3.7	2.2	3.4	2.7	1.5	.6					16.5	930	1.19	6.09	.02
FEB	63.5	17.2	1.7	3.7	3.4	4.5	3.4	1.9	.7					19.3	827	1.27	2.81	TRACE
MAR	65.2	12.7	1.9	5.1	3.2	3.9	3.9	3.0	1.1					22.1	899	1.95	5.16	.11
APR	61.5	14.9	1.8	3.3	2.2	4.9	3.7	4.1	3.2	.2				23.6	870	3.25	8.69	.74
MAY	56.5	14.9	2.1	3.6	2.3	3.8	5.3	6.3	4.0	.8	.3			28.6	899	5.58	1.35	.34
JUN	62.0	11.7	1.3	4.6	3.3	4.8	3.7	3.9	3.9	.6	.1			26.2	869	4.18	3.54	.35
JUL	67.9	11.8	.7	3.4	2.1	3.4	4.1	3.2	2.9	.4				20.4	899	3.27	8.22	.05
AUG	72.3	8.9	2.1	3.6	1.4	3.1	3.6	3.1	1.7	.2				18.8	899	2.37	9.27	.01
SEP	68.4	10.0	1.9	3.4	2.3	4.0	3.1	3.2	2.6	.9	.1			21.6	900	3.48	1.32	TRACE
OCT	73.5	9.7	1.2	3.2	1.3	3.5	2.0	2.9	2.3	.3				16.8	930	2.54	7.48	TRACE
NOV	73.9	11.6	1.2	2.6	2.5	2.7	1.8	2.2	1.6					14.5	897	1.56	7.26	.80
DEC	68.1	15.9	1.8	4.6	1.7	2.5	2.3	1.9	1.2					16.0	930	1.46	3.48	.02
ANNUAL	66.4	13.2	1.7	3.7	2.3	3.7	3.3	3.1	2.1	.3	.0			20.4	10749	2.10		

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	.02	.52	.67	.97	3.69	1.11	.06	.47	.32	.48	.34	1.77	3.69
44	1.40	.35	1.78	1.22	1.14	3.78	.83	.75	1.15	2.11	.77	1.66	3.78
45	.34	.70	.94	.78	2.27	5.10	2.29	1.77	2.72	.12	.06	.01	5.10
46	2.17*TRACE								.35	.53	1.06	1.65	
47	.25	TRACE	.36	1.62	1.65	1.95	2.75	.01	.63	.41	.88	1.46	2.75
48	.13	.72	1.29	.79	2.01	3.56	.94	.56	TRACE	.17	.50	.38	3.56
49	1.40	.35	.46	.36	2.06	1.47	1.05	.63	.78	1.63	.00	.50	2.06
50	.64	.80	.14	.76	5.68	1.27	1.76	.86	.86	.23	.77	.09	5.68
51	.28	1.11	.30	2.93	2.87	1.65	2.01	1.98	2.02	.54	.82	.04	2.93
52	.68	1.18	1.10	.61	3.44	.20	.73	1.55	.49	TRACE	.78	.71	3.44
53	.18	.52	1.37	2.49	1.79	1.45	1.52	1.38	.48	2.48	.92	.88	2.49
54	.41	.82	.29	1.24	1.59	.53	.02	.80	.75	.65	.07	.60	1.59
55	.52	.52	.93	.98	5.46	.90	.29	.95	2.57	2.72	.11	.02	5.46
56	.21	.28	.44	1.17	1.51	.74	.50	.33	.12	.50	1.58	1.89	1.89
57	.82	.36	.68	1.88	2.10	3.18	.71	.92	3.13	.88	1.40	.90	3.18
58	.97	.63	.98	2.21	.66	2.15	.50	1.51	.92	.03	.25	.80	2.21
59	.24	.60	1.29	.72	2.90	1.83	1.89	1.50	3.86	1.36	1.50	1.73	3.86
60	.51	1.73	.13	1.72	1.78	1.49	2.90	.85	.90	2.28	.48	1.03	2.90
61	.03	.37	.56	.62	.92	1.10	2.20	.58	3.83	1.30	1.50	.51	3.83
62	.20	.42	.77	1.44	2.13	4.07	.80	.84	1.45	.88	.95	.77	4.07
63	.21	.18	1.62	2.08	.94	1.05	3.70	.98	.54	.20*	1.13	.56	3.70
64	.58	1.36	.63	1.48	1.53	.35	.54	1.85	.92	1.06	2.01	.41	2.01
65	.98	.40	.75	1.88	2.23	.80	.73	2.79	1.70	.79	.15	2.25	2.79
66	.38	.94	.85	1.41	.20	1.02	1.19	2.58	1.23	.52	.80	.19	2.58
67	.24	.37	.97	2.85	1.20*	2.36	.42	1.32	1.80	1.00	.09	.26	2.85
68	1.60	.27	1.14	1.20	2.06	.40	.53	1.20	2.62	1.28	1.36	.62	2.62
69	.44	.85	1.37	.62	2.64	2.25	2.23	.54	1.80	2.15	.27	1.39	2.64
70	.11	.18	.84	1.60	5.23	.83	.55	.33	6.15	1.43	.80	.21	6.15
71	.39	1.55	.09	.68	.78	1.39	2.87	1.17	1.89	2.57	.06	1.01	2.87
72	.15	.39	.44	1.07	2.68	.61	1.91	.92	.55	2.71	1.80	.31	2.71
MEAN	.549	.616	.799	1.358	2.246	1.676	1.325	1.100	1.551	1.101	.774	.820	3.289
S.D.	.513	.429	.449	.683	1.373	1.219	.976	.651	1.364	.865	.575	.634	1.142
TOTAL OBS.	930	827	899	870	899	863	899	899	900	930	897	930	10749

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)			
	PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00			OVER 20.00	MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	82.2	11.7	1.2	2.0	1.0	1.0	.2	.7							6.1	837	3.6	24.6	TRACE
FEB	86.4	8.4	1.9	1.3	1.2	.5	.1	.1							5.3	742	1.8	7.7	.0
MAR	90.1	7.2	.6	1.0	.5	.1		.1	.4						3.7	806	1.9	17.9	.0
APR	99.5	.3	.1	.1											.8	780	TRACE	1.0	.0
MAY	100.0															806	.0	.0	.0
JUN	100.0															780	.0	.0	.0
JUL	100.0															806	.0	.0	.0
AUG	100.0															806	.0	.0	.0
SEP	100.0															810	.0	.0	.0
OCT	99.8	.2														837	TRACE	TRACE	.0
NOV	95.4	3.0	.6	.5	.4			.1							1.6	810	.5	6.3	.0
DEC	90.7	6.1	.7	1.1	.8	.1	.1	.4							3.2	837	1.7	11.0	.0
ANNUAL	95.3	3.1	.4	.5	.3	.1	.0	.1	.0						1.6	9657	9.5		

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY
STATION NAME

43-72

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43													
44													
45													
46	TRACE*	.0							.0	.0	.0	TRACE	
47	4.2	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2
48	5.1	.4	7.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.2
49	6.4	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.9	6.4
50	4.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	2.1	.8	4.8
51	2.0	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.0	TRACE	2.6
52	2.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.1
53	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.8
54	3.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.0
55	2.8	.2	1.7	.0	.0	.0	.0	.0	.0	.0	1.1	TRACE	2.8
56	.3	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.3
57	.1	.0	TRACE	.2	.0	.0	.0	.0	.0	TRACE	TRACE	.0	.2
58	3.4	1.1	6.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.2	6.0
59	2.0	1.1	1.3	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
60	5.1	1.9	1.4	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.1
61	.3	5.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1
62	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	1.5
63	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
64	TRACE	TRACE	2.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.7
65	4.3	1.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3
66	3.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
67	TRACE	TRACE	1.0	.0	.0	.0	.0	.0	.0	TRACE	.6	.4	1.0
68	.2	2.7	8.7	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	8.7
69	TRACE	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.0
70	1.0	TRACE	1.0	1.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
71	TRACE	2.6	.9	.0	.0	.0	.0	.0	.0	.0	.2	5.5	5.5
72	TRACE	3.7	.0	.0	.0	.0	.0	.0	.0	.0	4.6	1.2	4.6
MEAN	1.97	1.17	1.33	.05	.00	.00	.00	.00	.00	TRACE	.44	1.19	3.77
S.D.	2.007	1.392	2.347	.198	.000	.000	.000	.000	.000	.000	1.026	1.854	2.150
TOTAL OBS.	837	742	806	780	806	780	806	806	810	837	610	837	9657

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

STATION STATION NAME YEARS

AMOUNTS (INCHES)																			PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00		MEAN	GREATEST	LEAST						
													OVER 50.4	OVER 120									
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	50.5-100.4	100.5-200.4	200.5-500.4								
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	121-240	241-500	501-1000								
JAN	85.3	4.2	3.4	2.7	2.0	1.6	.8									10.5	930						
FEB	90.6	3.6	3.0	1.2	.7	.7	.1									5.8	827						
MAR	95.1	1.3	.9	1.1	.4	.3	.3									3.1	899						
APR	99.8	.2															870						
MAY	100.0																899						
JUN	100.0																870						
JUL	100.0																899						
AUG	100.0																899						
SEP	100.0																900						
OCT	100.0																930						
NOV	98.2	.9	.8	.1												.9	900						
DEC	94.5	2.6	1.2	.5	.2	.6	.3									2.9	930						
ANNUAL	97.0	1.1	.8	.5	.3	.3	.1									1.9	10753						

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	TRACE	0	4	0	0	0	0	0	0	0	0	0	0	4
44	TRACE	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE	7
45	0	3	4	0	0	0	0	0	0	0	0	0	TRACE	4
46	TRACE*	0	0	0	0	0	0	0	0	0	0	0	0	0
47	4	0	0	0	0	0	0	0	0	0	0	0	0	4
48	5	0	7	0	0	0	0	0	0	0	0	1	0	7
49	9	7	0	0	0	0	0	0	0	0	0	0	TRACE	9
50	4	TRACE	TRACE	0	0	0	0	0	0	0	0	0	1	4
51	TRACE	6	0	0	0	0	0	0	0	0	0	2	TRACE	6
52	3	1	0	0	0	0	0	0	0	0	0	TRACE	0	3
53	2	0	0	0	0	0	0	0	0	0	0	0	0	2
54	3	0	0	2	0	0	0	0	0	0	0	0	8	3
55	3	0	0	2	TRACE	0	0	0	0	0	0	0	1	3
56	TRACE	1	0	0	0	0	0	0	0	0	0	0	2	3
57	TRACE	0	TRACE	TRACE	0	0	0	0	0	0	0	0	0	TRACE
58	3	1	3	0	0	0	0	0	0	0	0	1	6	6
59	6	1	TRACE	0	0	0	0	0	0	0	0	TRACE	0	6
60	5	2	3	0	0	0	0	0	0	0	0	0	2	5
61	TRACE	4	TRACE	TRACE	0	0	0	0	0	0	0	0	TRACE	4
62	2	1	1	0	0	0	0	0	0	0	0	0	0	2
63	TRACE	0	0	0	0	0	0	0	0	0	0	0	2	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	4	1	0	0	0	0	0	0	0	0	0	0	0	4
66	3	2	0	0	0	0	0	0	0	0	0	0	0	3
67	0	0	1	0	0	0	0	0	0	0	0	0	0	1
68	0	TRACE	1	0	0	0	0	0	0	0	0	1	TRACE	1
69	0	0	0	0	0	0	0	0	0	0	0	0	0	7
70	5	0	0	0	0	0	0	0	0	0	0	0	0	5
71	0	4	1	0	0	0	0	0	0	0	0	TRACE	4	4
72	TRACE	3	0	0	0	0	0	0	0	0	0	1	1	3
MEAN	2.3	1.5	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.2	1.1	4.2
S.D.	2.545	2.030	2.029	.000	.000	.000	.000	.000	.000	.000	.000	.484	2.209	2.391
TOTAL OBS.	930	827	899	870	899	870	870	899	899	900	930	900	930	10753

NOTE * (BASED ON < FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/NAC

2

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43													
44													
45													
46	N *34												
47	NNW 32N	50SSE	54ESE	49SSE	42	SE	33SSE	49W	38NW	45S	39		SW 87
48	NE 30SSE	48SW	87SSE	49SSE	52ESE	50SE	36SE	30SSE	44NNW	49SW	54		SE 56
49	S 43S	45SSE	49ESE	47SE	56SSE	47S	46SSW	44NNW	46SSE	48NNW	39W	50	ESE 62
50	S 47SSW	49SSW	56SSE	56ESE	62NW	62SE	42N	36SE	34SE	45NNW	47NNW	47	SSE 65
51	SSE 50SE	46NNW	54SSE	57NNE	49SSE	65NNE	51NW	38NW	62SSW	54SSE	47SSE	52	NNE 52
52	SSE 44NNW	50NNE	52SSE	49NNW	52SSE	52N	52SSW	39N	40S	41NNW	48SSW	37	S 59
53	S 45S	55SSE	49SSE	55S	54NNW	56N	51S	59NW	49SSE	38SSE	41SSE	43	NNW 58
54	NNW 49NNW	58SSW	54SSE	49NNW	48SSE	51NNW	46NNW	44SE	49N	49SSE	44NNW	40	SSW 65
55	SW *47NNW	50N	48SSW	65SSE	43SSE	46SSE	40ENE	56NNW	38SSW	36NNE	39SSW	36	S 57
56	S 37N	*56S	57SW	50S	48NE	41NE	43NNE	39SW	42SSE	54SSE	45SSE	49	WSW 54
57	SSE*45SSE	42SSW	40SSE	46WCW	54WSW	49SE	35SSE	28NW	30SE	35NNW	40S	43	SSW 70
58	NNW 43NW	46ESE	33SSE	50S	40NE	43SSW	70ESE	36N	39SSE	38WSW	54S	31	WSW 78
59	NNE 38WSW	37NNW	46NNW	42WSW	73E	38S	37NNE	31N	38S	32NNW	42NW	36	ENE 63
60	SW 43W	56S	46ENE	63W	47N	36SW	38NE	34SE	32SSE	36SSE	33NW	40	NW 44
61	NNW 39N	29SSE	41NNW	42NW	44NNW	43NNW	42N	36N	43S	*39NNW	*39NNW	44	S 60
62	N 45S	38WSW	36S	36S	60SSE	46N	29S	26ENE	35NW	*26NNW	31N	29	NW *44
63	N *39NNE	*34SSW	*38S	*40NW	*44N	44E	*40W	*36W	*33S	34SSW	*39N	37	E 51
64	S 40NNW	40NNW	38NNW	46WSW	42S	34WSW	33E	51S	33NNE	35S	31S	41	SSE 47
65	S 44NNE	46S	46NNE	40SSE	47NNW	40NNW	34SW	45SSE	42S	*34WSW	45S	*38	W 62
66	S *37SSE	31NNW	45SSW	52SSE	41S	33SSW	27W	62NNW	37S	40SSE	43SSW	40	SW 45
67	NW 41N	41S	42S	37S	35S	37NW	29ESE	28S	30N	40N	29SW	45	SW 45
68	S 35NNE	41S	42W	46S	44S	3918/	3219/	3024/	3134/	5433/	3623/	50	34/ 54
69	36/ 3934/	3833/	3918/	4032/	5021/	4621/	2818/	3619/	3034/	3418/	3934/	47	32/ 50
70	17/ 3835/	3735/	3822/	4224/	3817/	4020/	3420/	3823/	3119/	32	1/ 3834/	40	22/ 42
71	35/ 36 5/	4132/	44 2/	4436/	46 1/	5621/	2822/	3919/	3327/	3931/	3824/	46	1/ 56
72	1/ 38 4/	4035/	4633/	5525/	3616/	72 6/	5729/	4019/	3335/	3120/	4027/	38	16/ 72
MEAN	41.2	44.1	46.8	48.2	48.4	46.5	40.0	39.0	38.3	39.4	40.8	42.0	58.1
S.D.	4.398	7.845	10.368	7.519	9.056	9.626	10.412	9.368	7.782	7.425	5.960	6.235	10.933
TOTAL OBS.	750	718	774	763	774	760	759	790	747	768	758	789	9150

NOTES * (BASED ON < FULL MONTHS)

USAF/ETAC FORM 0-88-5 (OU)

* (BASED ON < FULL MONTHS AND +100 KNOTS)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

42-72

YEARS

ALL
NORTH

ALL

MOUSE (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.5	2.6	2.6	.9	.3	.0	.0				8.4	10.7
NNE	.3	1.0	2.1	1.7	.5	.1	.0	.0				5.7	10.2
NE	.3	.9	1.4	.7	.1	.0	.0					3.3	8.3
ENE	.3	.8	1.2	.5	.1	.0	.0	.0				2.9	7.9
E	.4	1.0	1.3	.5	.1	.0						3.4	7.6
ESE	.4	.9	1.6	1.1	.3	.1	.0	.0				4.5	9.6
SE	.4	1.4	2.4	2.4	1.1	.5	.1	.0		.0		8.2	11.6
SSE	.3	1.5	3.2	4.8	2.9	2.2	.7	.1	.0			15.8	14.9
S	.6	2.3	6.0	7.2	2.6	1.2	.3	.0	.0			20.3	12.3
SSW	.3	.9	1.8	2.2	.9	.4	.1	.0	.0			6.6	11.9
SW	.2	.5	.8	.7	.2	.1	.0	.0		.0		2.4	9.9
WSW	.2	.4	.6	.3	.1	.0	.0	.0				1.7	8.9
W	.2	.4	.5	.2	.0	.0	.0					1.3	7.7
WNW	.2	.4	.5	.3	.1	.1	.0	.0				1.5	9.1
NW	.3	.6	.8	.6	.2	.1	.0	.0		.0		2.6	9.8
NNW	.4	1.0	2.1	2.1	.9	.3	.0	.0				6.9	11.4
VARBL													
CALM												4.4	
	5.5	15.6	28.9	27.9	10.9	5.4	1.4	.2	.0	.0		100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 255874

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.0	4.4	4.8	2.0	.6	.1	.0				14.7	11.5
NNE	.4	1.1	2.6	2.1	.7	.2	.0					7.0	10.5
NE	.3	.7	1.1	.4	.1							2.5	7.9
ENE	.3	.6	.7	.2	.0							1.8	6.7
E	.4	.7	.8	.2	.0							2.2	6.5
ESE	.3	.6	1.0	.8	.2	.0						3.0	9.0
SE	.4	.9	1.3	1.1	.7	.4	.1	.0				4.9	11.5
SSE	.3	1.0	2.1	2.9	2.1	1.7	.6	.1				10.8	15.2
S	.8	2.3	5.1	6.4	2.6	1.3	.4	.0	.0			19.0	12.6
SSW	.4	1.3	1.8	1.7	.8	.4	.1	.0				6.5	11.3
SW	.2	.7	.9	.4	.1	.1	.0	.0				2.4	8.8
WSW	.3	.6	.9	.3	.1	.0	.0	.0				2.1	8.4
W	.3	.5	.6	.2	.0	.0	.0					1.7	7.5
WNW	.3	.6	.6	.3	.1	.1	.0					2.1	8.3
NW	.3	.7	1.3	.7	.3	.1	.0					3.5	9.4
NNW	.5	1.4	3.3	3.6	1.6	.6	.0	.0				11.1	11.8
VARBL													
CALM												4.8	
	6.4	15.7	28.5	26.3	11.3	5.5	1.4	.1	.0			100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

22155

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.8	4.1	4.4	1.5	.4	.1	.0				13.0	11.3
NNE	.4	1.3	3.2	3.0	.9	.3	.0					9.3	11.0
NE	.3	.9	1.6	.9	.2	.0	.0					4.0	9.0
ENE	.2	.6	1.2	.5	.1	.0						2.5	8.2
E	.3	.7	1.3	.5	.1	.0						2.9	8.1
ESE	.3	.8	1.2	.8	.3	.1	.0					3.4	9.6
SE	.3	.7	1.2	1.4	.8	.4	.1	.0				5.0	12.6
SSE	.2	.9	1.8	3.2	2.2	2.0	.7	.1	.0			11.1	16.0
S	.5	1.8	4.2	5.8	2.2	1.3	.4	.1	.0			16.1	13.1
SSW	.2	.9	1.6	1.7	.8	.4	.0	.0				5.7	11.8
SW	.2	.5	.7	.7	.2	.1						2.4	9.6
WSW	.3	.4	.6	.5	.1	.1	.0					1.9	9.0
W	.3	.5	.6	.2	.0	.0						1.6	7.4
WNW	.2	.6	.8	.4	.1	.1	.0					2.2	9.3
NW	.3	.7	.9	1.1	.4	.2	.0	.0				3.5	11.0
NNW	.4	1.1	2.9	3.6	1.7	.7	.1					10.5	12.5
VARBL													
CALM												4.9	
	5.2	14.3	27.8	28.5	11.5	6.1	1.6	.2	.0			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

19691

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

MAR

MONTH

ALL WEATHER

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	3.1	4.0	1.9	.8	.1					11.9	12.3
NNE	.2	.9	2.1	2.8	.8	.3	.0					7.1	11.8
NE	.2	.7	1.6	1.3	.1	.0						4.0	9.5
ENE	.2	.7	1.3	.8	.1	.0						3.1	9.0
E	.3	.9	1.2	.6	.1							3.2	8.2
ESE	.2	.6	1.4	.9	.3	.1	.0					3.5	10.2
SE	.3	.9	1.5	1.5	1.0	.7	.1	.0				6.0	13.0
SSE	.2	.7	1.8	3.3	2.6	2.7	1.3	.3	.0			12.9	17.8
S	.3	1.2	3.3	6.0	2.8	1.5	.6	.1	.0			15.9	14.3
SSW	.3	.9	1.4	1.8	1.1	.7	.1	.0				6.4	13.2
SW	.2	.4	.6	.5	.3	.2	.0					2.3	11.6
WSW	.2	.4	.6	.6	.2	.1	.0					2.2	11.2
W	.2	.5	.5	.3	.2	.1	.0					1.7	10.0
WNW	.2	.5	.6	.6	.3	.1	.0					2.3	10.7
NW	.2	.5	.9	1.1	.7	.3	.0	.0				3.8	12.4
NNW	.4	1.2	2.4	3.2	1.7	1.0	.1	.0				10.1	13.0
VARBL													
CALM												3.6	
	4.1	12.4	24.4	29.4	14.3	8.8	2.5	.4	.0			100.0	12.5

TOTAL NUMBER OF OBSERVATIONS

21441

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

APR

MONTH

ALL

ALL WEATHER

CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.3	2.5	2.9	1.0	.2	.0					8.3	11.1
NNE	.3	1.0	2.3	2.2	.8	.2						6.7	11.0
NE	.2	.9	1.6	1.0	.2	.0	.0					3.9	9.2
ENE	.2	1.0	1.6	.8	.1	.0	.0	.0				3.8	8.9
E	.3	.9	1.6	1.1	.2	.0						4.0	9.1
ESE	.3	.7	1.3	1.6	.5	.2	.0	.0				4.5	11.4
SE	.3	.8	1.6	2.0	1.4	1.0	.4	.1				7.7	14.3
SSE	.2	.9	2.0	3.5	2.6	3.4	1.9	.6	.0			15.1	18.5
S	.3	1.3	3.5	7.5	3.6	1.6	.6	.1				18.5	14.4
SSW	.2	.6	1.1	2.0	1.2	.6	.1	.0				5.9	14.2
SW	.1	.3	.5	.7	.4	.1	.0	.0		.0		2.2	12.5
WSW	.1	.4	.5	.4	.2	.1	.0					1.7	10.5
W	.2	.3	.5	.3	.1	.0						1.5	9.1
WNW	.2	.4	.6	.5	.3	.2	.0	.0				2.2	11.6
NW	.2	.5	.8	1.0	.5	.2	.0					3.2	11.6
NNW	.3	1.0	1.8	2.7	1.4	.5	.1					7.8	12.6
VARBL													
CALM												2.9	
	3.7	12.1	23.9	30.3	14.5	8.4	3.3	.7	.0	.0		100.0	12.8

TOTAL NUMBER OF OBSERVATIONS

20728

15.5 19.7

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MAY NORTH

ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.2	2.0	1.7	.4	.1	.0					5.9	9.9
NNE	.3	1.0	1.8	1.5	.3	.0						5.0	9.6
NE	.3	.9	1.3	.7	.1	.0						3.3	8.2
ENE	.3	1.0	1.2	.6	.1							3.1	8.2
E	.4	1.3	1.5	.6	.1	.0						4.0	7.7
ESE	.5	1.1	2.1	1.6	.5	.3	.1	.0				6.3	10.7
SE	.5	1.6	2.7	2.5	1.3	.6	.2	.0		.0		9.5	11.8
SSE	.3	1.6	3.4	4.5	3.0	3.0	1.2	.2	.0			17.1	15.8
S	.5	2.1	5.4	8.5	3.6	1.7	.6	.1	.0			22.6	13.5
SSW	.3	.8	1.3	1.8	.8	.3	.2	.0				5.6	12.4
SW	.2	.5	.6	.5	.1	.1	.0					2.0	9.8
WSW	.1	.5	.5	.2	.1	.0						1.4	8.2
W	.1	.3	.5	.1	.0	.0						1.1	7.8
WNW	.2	.4	.6	.2	.1	.0						1.5	8.8
NW	.1	.4	.7	.5	.2	.0	.0					1.9	9.6
NNW	.3	.9	1.7	1.3	.4	.2	.0					4.8	10.2
VARBL													
CALM												4.8	
	5.0	15.5	27.4	27.0	11.2	6.5	2.3	.4	.0	.0		100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 21484

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/NAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.3	.8	.1	.0						3.2	9.1
NNE	.2	.7	1.3	.8	.2			.0				3.1	9.0
NE	.3	.8	1.0	.5	.0	.0						2.7	7.6
ENE	.3	.9	1.2	.5	.0	.0						2.9	7.8
E	.5	1.1	1.5	.6	.1	.0						3.8	7.5
ESE	.5	1.2	2.1	1.4	.6	.1	.0					5.9	9.8
SE	.6	2.0	3.4	3.7	1.9	.8	.1					12.4	11.8
SSE	.4	2.0	4.5	6.5	5.4	4.3	.9	.2				24.0	15.6
S	.6	2.4	7.1	9.0	3.1	2.0	.5	.0				24.7	12.9
SSW	.3	.7	1.5	2.3	1.0	.4	.0					6.3	12.3
SW	.2	.5	.7	.5	.1	.1	.0					2.1	9.3
WSW	.1	.3	.4	.2	.0	.0						1.0	7.7
W	.1	.2	.2	.1	.0	.0						.7	7.3
WNW	.1	.2	.2	.1	.0	.0						.6	7.2
NW	.2	.3	.3	.3	.0	.0				.0		1.2	8.3
NNW	.2	.5	1.0	.7	.2	.0	.0					2.6	9.5
VARBL													
CALM												2.9	
	4.9	14.5	27.7	27.7	12.8	7.8	1.6	.2		.0		100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

20477

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.R.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	.8	.4	.0	.0						2.3	7.8
NNE	.3	.9	1.1	.5	.1	.0						2.9	7.8
NE	.3	1.1	1.3	.4	.1	.0						3.2	7.4
ENE	.4	1.0	1.6	.5	.1	.0	.0					3.6	7.7
E	.5	1.5	1.9	.7	.1							4.7	7.5
ESE	.5	1.3	2.7	1.6	.3	.1	.0					6.6	9.3
SE	.6	2.2	4.1	4.0	1.3	.2	.0					12.4	10.6
SSE	.6	2.4	5.8	7.0	2.9	.9	.1	.0				19.7	12.1
S	.8	3.7	10.3	7.6	1.8	.5	.0	.0				24.7	10.4
SSW	.3	1.2	2.7	3.1	1.0	.3	.0	.0	.0			8.6	11.4
SW	.2	.5	1.0	1.1	.2	.0	.0					3.1	10.3
WSW	.1	.4	.6	.3	.1	.0						1.5	8.7
W	.2	.3	.2	.1	.0		.0					.7	6.5
WNW	.1	.1	.2	.1	.0							.5	6.9
NW	.1	.3	.1	.0	.0	.0						.6	6.1
NNW	.1	.3	.3	.1	.0	.0	.0					.9	7.7
VARBL													
CALM												3.7	
	5.5	17.7	34.9	27.7	8.0	2.1	.2	.0	.0			100.0	9.8

23.2

681

TOTAL NUMBER OF OBSERVATIONS

21143

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45,47-72

YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	.9	.4	.1	.0						2.4	7.9
NNE	.3	.9	1.7	.7	.1	.0	.0					3.7	8.5
NE	.4	1.0	1.5	.6	.0	.0						3.5	7.6
ENE	.4	1.0	1.5	.4	.0	.0						3.4	7.3
E	.6	1.5	2.1	.7	.1	.0						4.9	7.4
ESE	.7	1.4	2.6	1.8	.3	.0						6.8	8.9
SE	.7	2.1	4.3	4.7	1.0	.1	.0					13.0	10.4
SSE	.5	2.2	5.5	7.4	2.7	.8	.0					19.1	12.0
S	.8	3.5	8.8	6.4	1.6	.4	.0					21.5	10.2
SSW	.4	1.1	2.9	3.2	.7	.2	.0					8.4	10.9
SW	.2	.5	1.5	1.1	.2	.0						3.5	9.8
WSW	.1	.4	.5	.3	.1	.0						1.4	8.3
W	.2	.3	.3	.1	.0	.0						.9	6.8
WNW	.1	.2	.3	.1	.0	.1						.6	6.9
NW	.2	.3	.3	.1	.0							.9	6.5
NNW	.2	.5	.7	.3	.0							1.7	7.8
VARBL													
CALM												4.1	
	6.1	17.6	35.3	28.3	6.9	1.6	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

21523

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS SEP NORTH

ALL WEATHER CLASS
ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.4	2.2	1.5	.3	.1	.0					6.3	9.1
NNE	.4	1.1	2.2	1.6	.3	.1						5.6	9.3
NE	.4	1.2	2.0	.8	.1	.0						4.5	7.9
ENE	.4	1.0	1.6	.6	.1	.0						3.7	8.0
E	.6	1.4	1.8	.6	.1	.0						4.6	7.4
ESE	.5	1.2	2.3	1.4	.3	.1	.0	.0				5.8	9.4
SE	.5	1.9	3.1	3.6	1.4	.5	.0					11.1	11.3
SSE	.4	2.2	4.3	6.2	3.0	1.5	.3	.0				17.9	13.1
S	.6	2.7	6.6	7.5	2.1	.5	.1	.0				20.3	11.2
SSW	.3	.8	1.4	2.4	.8	.3	.0					6.1	12.0
SW	.2	.4	.6	.6	.2	.0	.0					2.0	9.9
WSW	.2	.3	.3	.1	.1	.0						1.0	7.9
W	.2	.3	.3	.0	.0							.7	6.3
WNW	.1	.2	.3	.1	.0	.0						.7	7.7
NW	.3	.5	.5	.2	.0	.0						1.5	7.3
NNW	.3	.7	1.4	.7	.3	.1	.0					3.4	9.7
VARBL													
CALM												4.5	
	5.9	17.5	30.9	28.2	9.1	3.2	.0	.0				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 21539

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

TEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.0	2.7	2.5	.6	.1	.0	.0				8.8	9.5
NNE	.4	1.1	2.2	1.6	.4	.1	.0					5.8	10.0
NE	.3	.7	1.2	.5	.1	.0						2.8	8.4
ENE	.3	.8	.9	.4	.0							2.4	7.4
E	.4	.7	.7	.2	.0	.0						2.1	6.7
ESE	.3	.6	1.1	.5	.2	.1						2.8	9.1
SE	.4	1.3	2.2	2.1	1.2	.4	.1					7.8	11.6
SSE	.4	1.6	3.6	6.5	3.8	2.3	.5	.0				18.7	14.6
S	.8	2.7	7.0	7.7	2.3	1.1	.2	.0				21.9	11.7
SSW	.4	.7	1.9	2.0	.7	.3	.0					6.0	11.3
SW	.3	.4	.7	.5	.1	.1						2.1	9.1
WSW	.2	.4	.5	.2	.0	.0						1.4	7.4
W	.3	.5	.4	.1	.0	.0						1.3	6.6
WNW	.2	.4	.4	.2	.1	.0						1.3	7.9
NW	.3	.8	.7	.4	.1	.0						2.4	7.9
NNW	.6	1.4	2.3	1.7	.6	.2	.0					6.7	9.7
VARBL													
CALM												5.7	
	6.4	16.1	28.6	27.0	10.3	4.5	.8	.1				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

21549

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.9	3.8	3.2	1.2	.3	.0					11.2	10.4
NNE	.2	1.2	2.1	1.5	.6	.1						5.7	10.1
NE	.2	.7	.9	.5	.0							2.3	8.0
ENE	.2	.6	.9	.3	.0	.0						2.1	7.5
E	.3	.9	.9	.3	.0	.0						2.5	7.2
ESE	.3	.6	1.1	.6	.2	.0	.0	.0				2.9	9.1
SE	.3	.9	1.5	1.0	.6	.3	.1					4.8	11.4
SSE	.3	1.0	2.2	3.5	2.4	2.0	.6	.1				12.1	15.6
S	.5	2.0	5.2	8.3	2.4	.9	.3	.0				19.6	12.4
SSW	.3	1.1	1.9	2.0	1.0	.5	.1	.0				7.0	12.0
SW	.2	.7	.9	.7	.2	.0						2.7	9.3
WSW	.3	.6	.9	.5	.2	.1						2.4	8.9
W	.4	.7	.7	.2	.1	.0	.0					2.1	7.2
WNW	.3	.6	.8	.3	.1	.1	.0					2.3	8.9
NW	.5	1.1	1.3	.9	.3	.1	.0					4.2	9.3
NNW	.6	1.5	3.8	3.5	1.3	.4	.0					11.1	11.0
VARBL													
CALM												5.1	
	5.7	16.1	29.1	27.2	10.6	4.9	1.2	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

21501

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

42-72

YEARS

DEC
MONTH

STATION NAME

ALL WEATHER
CLASS

ALL
HOURS (L.R.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.2	3.6	4.3	1.4	.5	.0					12.7	11.0
NNE	.4	1.4	2.5	2.0	.5	.1	.0					6.9	10.0
NE	.4	.7	1.1	.6	.1							2.8	8.0
ENE	.3	.8	.8	.3	.0	.0						2.2	7.2
E	.4	.8	.7	.2								2.1	6.4
ESE	.3	.7	.9	.3	.1	.0						2.3	7.7
SE	.3	1.0	1.4	1.0	.5	.4	.1	.0				4.6	11.4
SSE	.3	1.0	2.0	3.1	2.4	2.1	.5	.1				11.5	15.6
S	.7	2.3	4.8	6.2	2.7	1.3	.3	.0				18.4	12.4
SSW	.5	1.2	1.9	2.4	.7	.4	.1	.0				7.2	11.1
SW	.3	.6	.5	.5	.1	.1	.0					2.2	8.8
WSW	.2	.6	.8	.4	.1	.1	.0	.0				2.1	8.7
W	.3	.6	.7	.3	.0	.0	.0					2.1	7.7
WNW	.3	.6	.7	.4	.1	.1	.0					2.2	8.4
NW	.4	.9	1.4	1.1	.4	.1						4.3	9.7
NNW	.5	1.4	3.8	3.9	1.3	.5	.0					11.5	11.5
VARBL													
CALM												5.1	
	6.4	16.7	27.6	27.0	10.4	5.6	1.1	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

22643

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB JK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

JAN
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.0	5.1	4.3	2.0	.5	.0					14.9	11.1
NNE	.4	.7	2.6	1.6	.9	.3	.0					6.4	11.0
NE	.1	.8	1.0	.3	.1							2.3	7.7
ENE	.4	.5	.9	.1								2.0	6.5
E	.4	.9	1.2	.2								2.6	6.6
ESE	.5	.7	.8	.6	.1							2.7	8.1
SE	.6	.9	1.7	1.5	.9	.5	.1					6.1	11.6
SSE	.2	1.2	2.4	3.4	2.6	1.8	.5					12.0	15.1
S	.8	2.8	5.6	7.4	2.7	1.4	.5					21.3	12.2
SSW	.7	1.4	1.4	1.0	.5	.3						5.4	9.4
SW	.3	.4	.5	.1								1.3	6.2
WSW	.3	.6	.5	.1								1.4	6.5
W	.3	.3	1.0	.1								1.7	7.5
WNW	.5	.5	.9	.2	.1	.1	.0					2.2	8.0
NW	.3	.7	.9	.4	.3	.1						2.6	9.4
NNW	.4	1.5	2.7	3.3	1.3	.4						9.6	11.4
VARBL													
CALM												5.4	
	6.8	15.8	29.2	24.7	11.5	5.4	1.2					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

2765

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE /MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS JAN MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.1	5.1	4.3	2.2	.5	.1					14.6	11.4
NNE	.4	.9	2.5	1.9	.7	.2						6.7	10.9
NE	.4	.6	.9	.5								2.5	7.4
ENE	.2	.6	.3	.1								1.2	6.1
E	.8	.6	.8	.3	.1							2.6	6.7
ESE	.3	.3	.8	1.0	.2							2.5	10.5
SE	.1	.8	1.6	.9	.7	.3	.0					4.4	11.6
SSE	.5	1.2	2.5	3.4	2.4	1.8	.2					12.0	14.1
S	1.0	2.2	6.3	7.0	2.5	1.3	.3					20.6	12.0
SSW	.5	1.3	1.8	1.3	.5	.2	.1					5.7	10.1
SW	.1	.9	.6	.1	.1	.0	.0					1.8	7.6
WSW	.1	.5	.8	.1								1.5	7.3
W	.6	.4	.6	.5								2.1	6.9
WNW	.2	.5	.6	.3	.1	.1	.0					1.9	9.3
NW	.3	.9	1.1	.7	.3	.1						3.4	9.1
NNW	.4	1.6	3.4	3.8	1.4	.3	.0					10.9	11.2
VARBL													
CALM												5.5	
	6.5	15.4	29.7	26.2	11.1	4.8	.8					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

2772

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

JAN
MONTH

0600-0900
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.6	4.6	4.5	1.7	.6						14.8	10.8
NNE	.4	1.2	2.4	2.4	.8	.2						7.4	10.7
NE	.2	.4	1.1	.3								2.0	7.9
ENE	.2	.5	.6	.2								1.5	7.3
E	.3	.6	.8	.3								1.9	7.3
ESE	.3	.4	1.0	.8	.1							2.6	9.4
SE	.3	.7	1.2	1.1	.7	.2	.1					4.4	11.8
SSE	.4	1.4	2.3	2.9	2.4	1.7	.3					11.3	14.3
S	.7	2.8	5.8	5.0	2.7	1.0	.3					18.9	11.9
SSW	.4	1.2	1.4	1.7	.5	.1						5.3	10.5
SW	.3	.5	.6	.3	.1	.1	.0					1.9	9.0
WSW	.4	.7	.6	.1	.0							1.9	6.4
W	.1	.6	.8	.2	.0							1.8	7.5
WNW	.4	.8	.8	.3		.1						2.3	7.3
NW	.5	.6	1.4	.9	.3	.1						3.8	9.3
NNW	.9	2.1	4.0	3.4	1.4	.5	.0					12.4	10.8
VARBL													
CALM												5.8	
	6.3	17.1	29.5	25.0	11.0	4.5	.8					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

2776

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

JAN
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.1	4.0	4.6	2.0	.4	.2	.0				14.0	11.7
NNE	.3	.9	2.9	2.6	.8	.1						7.6	10.8
NE	.2	.7	1.5	.6	.1							3.0	8.5
ENE	.4	.6	.9	.5	.1							2.3	7.9
E	.3	.6	1.0	.2	.0							2.1	7.3
ESE	.3	.3	.7	.6	.1							2.0	8.9
SE	.3	.7	.7	1.2	.6	.2	.1					3.9	12.1
SSE	.2	.5	1.7	2.4	1.7	2.2	.7	.0				9.5	16.6
S	.5	1.3	4.4	6.1	3.6	1.2	.8	.1				18.1	14.1
SSW	.4	1.0	2.0	2.9	1.1	.6	.1					8.1	12.5
SW	.3	.7	1.0	.5	.3	.2	.1	.0				3.0	10.3
WSW	.2	.3	1.1	.5	.1	.1						2.3	9.5
W	.3	.8	.7	.3	.0							2.1	7.3
WNW	.2	.6	.7	.4	.1	.1						2.1	8.8
NW	.2	.4	1.4	.8	.1	.1						3.1	10.1
NNW	.7	1.2	3.9	4.2	2.3	.8		.1				13.0	12.5
VARBL													
CALM												3.8	
	5.3	12.6	28.6	28.2	13.1	6.1	1.8	.3				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

2768

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

1971

ALL WEATHER

CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.6	3.1	5.5	2.0	.6	.2					13.7	12.4
NNE	.4	1.1	2.2	2.5	.7	.1						7.0	10.5
NE	.3	.4	1.1	.6	.2							2.5	9.1
ENE	.4	.6	.9	.1								1.9	6.5
E	.3	.6	.6	.1								1.6	6.0
ESE	.1	.4	.8	.9	.1	.0						2.3	10.2
SE	.3	.6	.5	.5	.4	.3						2.6	11.2
SSE	.1	.5	1.2	1.6	1.3	1.2	1.1	.1				7.0	17.3
S	.4	1.3	3.8	5.6	3.0	1.9	.9	.1				17.1	14.8
SSW	.4	1.2	2.8	3.4	2.2	1.5	.3	.1				11.8	14.1
SW	.3	.7	1.7	1.2	.4	.0	.0					4.3	10.1
WSW	.1	.9	1.4	.5	.2	.2	.1					3.4	10.7
W	.3	.5	.5	.4	.1	.0						1.8	8.9
WNW	.3	.8	.7	.6	.2	.1						2.6	9.2
NW	.4	.6	1.6	.9	.4	.1						4.1	10.2
NNW	.5	1.2	4.0	4.2	2.1	1.2	.0					13.1	12.7
VARBL													
CALM												3.1	
	5.2	12.9	26.9	28.6	13.2	7.3	2.6	.2				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

2770

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS JAN NORTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	3.2	5.5	2.1	.8	.0					14.2	12.4
NNE	.2	1.3	2.9	2.4	.5	.2						7.5	10.5
NE	.3	.7	.8	.4	.1							2.3	7.9
ENE	.2	.4	.5	.1								1.1	6.7
E	.3	.7	.5	.1								1.6	6.0
ESE	.2	.8	1.4	1.0	.2	.0						3.6	9.5
SE	.2	.8	1.4	.5	.3	.4						3.6	10.6
SSE	.2	.6	1.7	2.4	1.9	1.3	.7	.1				8.9	15.9
S	.6	1.9	4.2	6.2	2.4	1.6	.4	.1	.0			17.5	13.3
SSW	.3	1.6	2.1	2.7	1.0	.5	.2					8.4	12.2
SW	.3	1.0	1.5	1.1	.1	.1						4.1	9.2
WSW	.3	.7	1.0	.8	.1	.1	.0	.1				3.1	9.5
W	.3	.3	.5	.4	.1	.1	.0					1.6	9.3
WNW	.3	.9	.6	.7	.1							2.7	8.5
NW	.4	.8	1.6	1.2	.3	.0						4.1	9.5
NNW	.5	1.0	3.4	4.7	2.2	.7	.1					12.6	12.4
VARBL													
CALM												3.1	
	4.9	15.0	28.0	30.1	11.4	5.8	1.5	.2	.0			100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

2772

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

JAN
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	5.2	4.9	2.3	.7	.0					16.4	11.3
NNE	.3	1.1	2.7	1.3	.3	.1						5.9	9.6
NE	.4	1.0	1.0	.4	.0							2.9	7.1
ENE	.4	.9	.4	.0								1.8	5.2
E	.6	1.0	.9	.1								2.6	5.7
ESE	.6	1.1	1.7	.9	.1	.0						4.4	8.1
SE	.6	1.4	1.6	1.5	.8	.5	.1	.0				6.5	11.3
SSE	.6	1.6	2.3	3.5	2.5	1.3	.7	.1				12.5	14.2
S	1.2	3.5	5.6	6.2	1.4	.7	.1					18.6	10.5
SSW	.5	1.4	1.4	.5	.1	.1	.0					4.1	7.9
SW	.3	.6	.5	.1	.0	.0						1.4	6.4
WSW	.3	.7	.7	.1								1.7	6.3
W	.4	.4	.3	.0	.0	.1	.0					1.2	7.0
WNW	.4	.6	.4	.3	.2							1.9	7.9
NW	.3	.9	1.3	.4	.1	.0						3.0	7.9
NNW	.5	1.6	2.6	3.0	1.2	.4						9.3	11.1
VARBL													
CALM												5.8	
	8.5	20.0	28.4	23.0	9.1	4.1	1.0	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

2769

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS JAN MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.3	4.2	5.1	1.9	.4						14.7	11.1
NNE	.4	1.5	2.4	1.9	.8	.2						7.2	10.2
NE	.3	.8	1.5	.3								2.9	7.4
ENE	.4	.8	.9	.2	.0							2.3	6.9
E	.5	.7	.9	.2								2.2	6.3
ESE	.5	.9	1.3	.7	.3	.0						3.7	8.6
SE	.5	1.3	2.1	1.6	1.0	.7		.0				7.2	11.6
SSE	.5	1.1	2.7	3.5	2.3	2.0	.8	.2				13.0	15.2
S	.8	2.8	5.1	7.4	2.2	1.4	.2					19.9	12.1
SSW	.5	1.1	1.4	.3	.2	.1						3.5	7.6
SW	.2	.5	.5	.0	.0	.1						1.3	7.0
WSW	.4	.5	.7	.2								1.7	7.0
W	.5	.4	.4	.0		.0						1.4	5.7
WNW	.4	.4	.4	.0	.1	.0						1.4	7.1
NW	.4	.9	1.2	.6	.3	.1	.0					3.5	9.1
NNW	.4	.9	2.1	2.6	1.0	.5						7.7	11.9
1-2-3													
CALM												6.3	
	7.5	16.9	27.7	24.8	10.1	5.6	1.0	.2				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

2763

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

FEB
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.1	4.4	3.5	1.1	.4	.0					12.1	10.8
NNE	.6	1.3	2.4	3.1	.8	.5						8.9	10.9
NE	.5	1.2	2.4	.9	.1	.0						5.0	8.2
ENE	.2	1.1	1.3	.6		.0						3.2	8.0
E	.2	1.1	1.6	.9								3.7	8.1
ESE	.4	.7	1.2	.7	.1	.0						3.2	8.7
SE	.4	.6	.9	1.6	1.1	.4	.2					5.2	13.3
SSE	.4	1.0	2.5	4.1	2.6	1.9	.7	.1				13.4	15.3
S	.7	2.2	4.2	8.2	2.0	.9	.3					18.6	12.2
SSW	.2	1.3	1.4	.8	.3	.2						4.3	9.4
SW	.2	.6	.4	.2		.1						1.6	8.0
WSW	.4	.3	.6	.1	.1	.0						1.5	8.1
W	.2	.2	.5									1.0	6.3
WNW	.2	.4	.5	.1	.1		.0					1.5	7.9
NW	.2	1.1	.6	.4	.4	.2	.1					3.0	10.2
NNW	.4	1.0	2.8	2.3	1.3	.7	.0					8.5	12.1
VARBL													
CALM												5.2	
	6.0	16.3	27.9	27.6	10.0	5.5	1.4	.1				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

2462

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

FEB
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.2	3.3	3.4	1.2	.4	.0					11.4	10.8
NNE	.3	1.0	3.3	3.0	1.1	.5						9.1	11.7
NE	.2	.9	1.9	1.1	.1	.0	.0					4.2	9.3
ENE	.2	.5	1.7	.4	.1							2.8	8.4
E	.4	.6	1.5	.5	.0							3.0	7.9
ESE	.5	.8	1.3	.9	.1	.0						3.5	8.7
SE	.3	.8	1.3	1.2	1.1	.2	.1					5.0	12.2
SSE	.2	1.1	1.5	3.7	2.0	1.6	.7					10.9	15.6
S	.7	2.1	5.0	7.6	2.1	1.1	.2					18.8	12.1
SSW	.5	1.3	1.5	1.3	.2	.1						4.9	8.6
SW	.2	.4	.6	.1	.0							1.3	7.4
WSW	.2	.3	.7	.3	.0							1.5	8.2
W	.3	.6	.2	.2								1.3	5.7
WNW	.2	1.1	1.1	.3	.2	.1						3.0	8.2
NW	.4	.7	.5	1.0	.3	.2	.0					3.2	10.3
NNW	.3	.9	3.2	2.9	1.7	.8	.1					9.9	12.8
VARBL													
CALM												6.1	
	5.6	15.3	28.5	27.9	10.2	5.2	1.2					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

2462

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

FEB
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.0	4.1	4.0	1.2	.3	.1					12.4	10.8
NNE	.2	.9	3.3	2.8	1.1	.4	.1					8.7	11.5
NE	.2	.7	1.4	.8	.1							3.1	8.9
ENE	.1	.4	1.0	.5	.1							2.2	9.1
E	.4	.8	1.6	.7	.2	.0						3.7	8.7
ESE	.4	.9	.9	.9	.4							3.4	9.4
SE	.5	1.0	.9	1.9	1.1	.2	.0					5.7	11.8
SSE	.4	.8	1.7	3.0	1.9	2.0	.7	.0				10.6	15.9
S	.4	1.5	5.7	5.6	1.8	1.1	.2					16.1	12.2
SSW	.2	1.3	1.7	1.3	.6							5.2	9.6
SW	.2	.7	.6	.4		.0						1.8	7.6
WSW	.2	.3	.6	.2		.0						1.3	8.4
W	.5	.8	.6	.1								2.0	5.8
WNW	.3	.7	.8	.2	.2	.2						2.4	9.0
NW	.3	.7	1.3	1.1	.4	.0						3.7	10.0
NNW	.5	1.6	3.4	4.5	1.7	.6	.0					12.3	11.7
VARBL													
CALM												5.4	
	5.7	15.0	29.3	28.0	10.7	4.9	1.1	.0				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

2460

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS FEB MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.6	3.0	5.3	2.1	.8	.3	.0				13.4	12.9
NNE	.4	1.4	2.9	3.0	1.3	.3	.1					9.4	11.7
NE	.2	.4	1.7	.9	.3	.2						3.7	10.6
ENE	.1	.3	.9	.4	.1							1.7	9.1
E	.2	.4	1.4	.5	.0	.0						2.6	8.9
ESE	.2	.9	1.3	1.2	.4	.0	.1					4.1	10.7
SE	.2	.7	1.6	1.1	.5	.5	.0					4.7	12.1
SSE	.2	.6	1.3	1.9	1.9	2.3	1.2	.0				9.5	17.9
S	.1	1.5	3.0	4.8	2.8	1.7	.6	.2				14.8	14.9
SSW	.1	.6	1.9	3.1	1.1	.6	.1	.0				7.6	13.3
SW	.3	.4	.6	1.2	.4							2.8	10.9
WSW	.2	.6	.6	.6	.2	.0						2.2	9.1
W	.1	.2	.7	.4	.0	.1						1.7	9.7
WNW	.2	.6	1.1	.4	.1	.1	.1					2.6	9.3
NW	.3	.7	.9	1.4	.3	.4						4.1	11.4
NNW	.2	1.1	2.7	5.5	1.6	1.0	.1					12.3	13.2
VARBL													
CALM												2.8	
	3.4	12.1	25.7	31.6	13.4	8.1	2.6	.3				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 2464

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.7	3.7	4.8	2.2	.6	.1					12.6	12.7
NNE	.4	1.3	2.9	3.3	1.0	.3	.1					9.2	11.4
NE	.3	.7	.9	1.3	.3							3.6	9.7
ENE	.1	.3	.9	.7	.1							2.2	9.5
E	.3	.6	.8	.5	.1							2.2	8.0
ESE	.3	.6	.8	.6	.3	.1						2.6	9.8
SE	.2	.4	1.1	1.1	.4	.5	.2	.0				4.0	13.4
SSE	.1	.8	1.3	1.8	1.7	1.8	.7					8.2	16.6
S	.3	1.3	2.2	4.3	2.8	1.7	1.4	.2	.0			14.4	16.4
SSW	.1	.8	2.3	2.6	2.3	1.2	.1					9.3	14.4
SW	.2	.7	1.1	.5	.7	.1						4.3	11.4
WSW	.3	.5	.9	1.1	.3	.2	.0					3.2	10.8
W	.2	.5	.9	.3	.0	.0						2.0	8.1
WNW	.2	.5	1.0	.7	.1	.2	.1					2.8	11.3
NW	.2	.7	.8	2.3	.7	.2	.0					5.0	12.4
NNW	.3	1.1	2.5	4.0	2.2	1.5	.1					11.6	13.8
VARBL													
CALM												2.6	
	4.1	11.5	24.1	31.0	15.2	8.4	2.8	.3	.0			100.0	12.8

TOTAL NUMBER OF OBSERVATIONS

2461

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS FEB NORTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	3.7	6.4	2.0	.4		.0				14.3	12.2
NNE	.3	1.1	3.7	3.2	.9	.3						9.6	10.9
NE	.4	.4	1.1	.9	.1	.1						3.0	9.6
ENE	.2	.6	.9	.4	.0							2.2	8.1
E	.2	.4	1.1	.3	.1							2.2	8.2
ESE	.2	.8	1.1	.4	.3	.1						2.8	9.6
SE	.3	.4	.7	1.3	.7	.3	.2	.0				3.9	13.7
SSE	.2	.7	1.2	2.2	2.0	2.0	.4	.1	.1			8.7	16.8
S	.3	1.2	3.1	5.1	2.6	2.4	.6					15.4	15.0
SSW	.3	.8	2.0	2.5	1.5	.8	.1	.0				8.0	13.5
SW	.5	.7	1.1	1.0	.4	.1						3.8	9.7
WSW	.2	.7	.9	1.0	.2	.1						3.2	9.7
W	.2	.6	.9	.4	.1	.1						2.3	8.6
WNW	.1	.5	.7	.9			.0					2.2	9.7
NW	.2	.4	1.1	1.3	.5	.3						3.8	12.1
NNW	.4	.9	2.9	4.5	2.3	.8	.1					11.9	13.3
VARBL													
CALM												2.9	
	4.6	11.5	26.2	31.8	13.7	7.7	1.3	.2	.1			100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

2459

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.8	5.8	4.4	.9	.3	.0	.0				15.0	10.2
NNE	.4	1.7	3.6	2.1	.8	.2	.0					8.8	10.1
NE	.5	1.3	1.7	.9	.2							4.7	8.0
ENE	.4	.8	1.1	.4								2.6	7.2
E	.2	1.0	1.1	.2	.1							2.6	7.5
ESE	.2	.9	1.3	.9	.1		.0					3.5	9.5
SE	.2	.9	1.4	1.3	.8	.4	.1					5.2	12.0
SSE	.0	1.1	2.4	4.3	2.4	2.1	.3	.0	.0			12.8	15.2
S	.7	2.4	4.9	4.5	1.4	.7	.1					14.8	11.1
SSW	.3	.7	1.2	.8	.2	.2	.0					3.4	10.1
SW	.0	.7	.9	.4	.1	.1						2.2	9.0
WSW	.3	.6	.3	.2	.0	.0						1.5	7.0
W	.2	.4	.1	.1	.0							.9	6.1
WNW	.2	.4	.8	.2	.1	.0						1.7	8.6
NW	.4	.7	1.1	.9	.2	.0	.0	.0				3.3	9.9
NNW	.8	1.0	3.4	3.0	1.4	.1	.1					9.9	11.1
VARBL													
CALM												7.2	
	5.5	17.6	31.1	24.6	8.9	4.2	.8	.1	.0			100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

2458

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

FEB
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.1	4.8	3.5	.9	.4	.2					12.9	10.4
NNE	.6	1.7	3.8	3.4	.6	.1	.1					10.3	10.1
NE	.3	1.5	2.1	.8	.1	.0	.0					4.9	8.3
ENE	.4	1.1	1.5	.3	.0							3.4	7.0
E	.5	.7	1.5	.4	.0							3.0	7.3
ESE	.5	.5	1.4	1.1	.3	.1	.0					4.0	10.1
SE	.5	.4	1.8	1.9	.9	.6	.1					6.2	12.8
SSE	.3	1.4	2.1	4.6	3.3	2.1	.9	.1				14.8	15.7
S	.5	1.9	5.4	5.9	1.7	.9	.2					16.4	11.9
SSW	.2	.6	.8	.8	.2							2.6	9.1
SW	.3	.2	.4	.3								1.2	7.7
WSW	.3	.3	.3	.1	.0							1.0	6.5
W	.2	.5	.6	.1	.0							1.4	6.9
WNW	.2	.5	.5	.2	.2		.0					1.6	9.3
NW	.3	.4	.7	.2	.4	.1	.0					2.2	10.1
NNW	.6	1.1	2.2	1.9	1.1	.4	.0					7.3	11.4
VARBL													
CALM												6.8	
	6.7	14.8	29.9	25.4	9.8	4.9	1.7	.1				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

2465

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

MAR
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.9	3.2	3.5	1.6	.9						11.6	11.7
NNE	.3	1.2	2.7	2.4	.8	.2	.1					7.7	11.2
NE	.1	1.0	1.9	1.0	.2	.1						4.3	9.1
ENE	.1	1.0	2.0	1.1								4.2	8.4
E	.5	1.1	1.2	.6	.2							3.5	7.9
ESE	.3	.6	1.1	1.0	.3	.1						3.5	10.1
SE	.3	1.3	1.8	1.5	1.3	.8	.3					7.3	12.9
SSE	.2	.8	2.1	4.1	3.2	2.9	1.2	.2				14.7	17.2
S	.6	1.5	3.6	6.9	2.9	1.4	.5	.0				17.4	13.5
SSW	.4	.6	1.0	1.0	.4	.1	.0					3.7	10.5
SW	.2	.5	.3	.1	.2	.0						1.3	8.1
WSW	.0	.3	.1	.1	.1	.0						.7	10.1
W	.2	.5	.5	.2		.1						1.5	7.9
WNW	.4	.9	.3	.3	.1	.1						2.1	8.1
NW	.5	.4	.9	.9	.5	.0						3.2	10.2
NNW	.6	1.0	2.3	2.4	1.4	.9	.1	.1				8.8	12.8
VARBL													
CALM												4.5	
	5.1	14.6	25.2	27.1	13.3	7.6	2.2	.3				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

2682

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13219
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

MAR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	3.7	3.2	1.3	.7	.0					11.0	11.5
NNE	.1	.5	1.8	2.9	1.0	.3	.1					6.5	12.9
NE	.2	.7	1.9	1.3	.1							4.2	9.0
ENE	.2	.7	1.5	1.1	.1							3.5	9.3
E	.4	.7	1.3	.9	.1							3.5	8.6
ESE	.3	.7	1.2	.9	.5	.1	.0					3.7	10.9
SE	.3	.9	1.8	1.5	1.1	.7	.1	.1				6.6	12.9
SSE	.2	.7	2.0	3.8	3.4	2.2	.7	.1				13.2	16.3
S	.2	1.2	4.5	7.4	2.6	.9	.5	.1				17.3	13.4
SSW	.3	1.0	1.2	1.1	.6	.3						4.5	10.8
SW	.1	.6	.3	.1	.3	.0						1.4	8.9
WSW	.0	.4	.3	.5	.0							1.3	9.1
W	.2	.4	.3	.1	.0							1.0	7.0
WNW	.3	.6	.6	.6	.2							2.4	9.0
NW	.5	.7	.9	1.1	.5	.3						3.8	11.1
NNW	.6	1.3	2.9	2.6	1.7	1.0	.3					10.4	12.8
VARBL													
CALM												5.4	
	4.2	12.9	26.2	29.3	13.7	6.5	1.7	.2				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE 'MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

MAR
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	3.1	3.5	2.2	.7	.1					11.6	12.5
NNE	.2	1.0	2.1	2.5	.9	.4	.0					7.1	11.7
NE	.1	1.0	1.1	1.5	.3							4.0	9.8
ENE	.1	.6	.9	.7	.1							2.5	9.0
E	.1	.9	1.2	.4	.2							2.9	8.4
ESE	.2	.5	1.6	.7	.3	.3						3.6	10.8
SE	.4	1.1	1.5	1.8	1.1	.8	.1					6.8	12.9
SSE	.3	.7	1.8	3.4	2.8	2.6	.7	.2				12.4	16.9
S	.3	1.5	4.3	6.7	2.4	1.4	.3	.1	.0			17.1	13.5
SSW	.3	1.4	1.5	1.4	.7	.4	.0					5.7	11.1
SW	.3	.3	.4	.4	.2							1.6	9.4
WSW	.3	.4	.4	.7	.1	.0	.0					2.1	10.1
W	.1	.4	.6	.3	.1							1.5	8.1
WNW	.3	.9	.6	.6	.3	.1						2.8	9.3
NW	.1	.6	1.0	1.0	.7	.1						3.5	11.8
NNW	.5	1.3	3.1	3.4	1.8	1.0	.2					11.3	12.5
VARBL													
CALM												3.4	
	4.2	14.0	25.3	29.2	14.1	7.9	1.6	.3	.0			100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

2670

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72
YEARS

MAR
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	2.3	4.5	2.2	1.1	.1					11.5	13.7
NNE	.3	.8	1.9	3.1	.9	.4	.0					7.4	12.2
NE	.2	.3	1.6	1.5	.3							3.8	10.6
ENE	.1	.4	1.0	1.3	.3							3.0	10.7
E	.1	.7	1.1	.7	.1							2.8	9.3
ESE	.1	.4	1.5	.8	.1	.1						3.0	10.1
SE	.1	.6	1.3	1.1	.9	.8	.1					5.0	13.8
SSE	.1	.7	1.4	2.0	1.3	3.4	1.8	.5	.0			11.3	19.7
S	.2	.6	1.6	5.5	3.7	2.2	.8	.1				14.7	16.5
SSW	.2	.6	1.6	2.6	2.4	1.7	.3	.0				9.5	15.8
SW	.1	.4	1.0	1.0	.4	.5	.1					3.5	13.6
WSW	.3	.7	.7	.7	.2	.3	.0					2.9	10.8
W	.2	.6	.4	.5	.4	.2	.0					2.3	11.4
WNW	.1	.3	.7	.7	.1	.1						2.0	11.1
NW	.2	.4	1.2	1.1	1.0	.4	.0	.0				4.4	13.3
NNW	.1	.6	2.5	3.7	1.8	1.4	.1					10.2	14.1
VARBL													
CALM												2.6	
	2.9	8.9	21.8	30.8	16.3	12.5	3.4	.7	.0			100.0	13.9

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

MAR
MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	2.7	5.0	2.0	.9	.1					11.8	13.4
NNE	.1	.6	1.6	2.6	.6	.4						6.1	12.2
NE	.2	.6	1.2	1.3	.1	.0						3.4	9.7
ENE	.2	.3	1.1	.8	.1							2.4	9.6
E	.2	.6	1.1	.9	.1							2.6	8.6
ESE	.1	.4	1.1	.9	.1	.0						2.6	10.3
SE	.1	.4	1.2	.9	.5	.3	.1					3.4	12.3
SSE	.1	.5	1.3	2.4	1.6	2.9	1.9	.5				11.2	19.9
S	.2	.7	1.7	4.3	3.4	2.8	1.1	.1				14.2	17.3
SSW	.3	.7	1.5	3.3	2.4	1.6	.4	.0				10.1	15.6
SW	.2	.5	1.1	1.2	.9	.3	.1					4.3	13.2
WSW	.1	.6	1.1	.9	.7	.4	.1					3.9	12.3
W	.3	.5	.6	.7	.3	.3	.1					2.8	12.1
WNW	.2	.3	.6	1.0	.5	.1	.1					2.9	12.9
NW	.1	.4	1.2	1.5	.9	.5		.0				4.6	13.4
NNW	.2	1.2	2.3	4.1	2.2	1.3	.1					11.3	13.8
VARB													
CALM												2.1	
	2.9	9.2	21.5	31.5	16.3	11.8	4.1	.6				100.0	14.0

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
ETAC/USAF
AIP WEATHER SERVICE/NAIC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS MAR MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	2.4	5.2	1.9	1.0	.0					11.7	13.3
NNE	.1	.6	1.5	3.4	.6	.3						6.5	12.6
NE	.3	.7	1.5	1.0	.2							3.7	9.3
ENE	.1	.4	1.3	.6	.0							2.5	9.0
E	.3	.6	1.3	.6	.1							2.9	8.6
ESE	.0	.6	1.0	.9	.1							2.6	9.6
SE	.2	.2	1.0	1.0	.5	.6	.1	.1				3.7	14.6
SSE		.4	1.0	2.7	2.3	2.8	1.8	.3				11.2	19.6
S	.3	.5	2.5	5.2	3.7	2.5	.7	.0				15.2	16.2
SSW	.3	.8	1.9	2.7	1.8	1.2	.2	.0				8.9	14.5
SW	.2	.5	1.0	1.0	.7	.4	.1					4.0	13.0
WSW	.2	.3	1.0	.0	.7	.4	.0					3.5	13.1
W	.2	.4	.5	.4	.3	.3	.0					2.2	11.8
WNW	.2	.6	.7	.9	.5	.4	.1					3.4	13.4
NW	.1	.6	1.1	1.2	1.0	.5	.0					4.5	13.1
NNW	.4	1.2	2.0	4.2	2.0	1.1	.1					11.0	13.7
VARBL													
CALM												2.4	
	3.2	9.5	21.6	31.7	16.5	11.5	3.2	.4				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS

2682

SURFACE WINDS

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MAR MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	4.4	4.4	2.0	.6	.0					14.2	11.3
NNE	.3	1.2	2.4	2.4	.7	.3						7.4	10.8
NE	.1	.7	1.6	1.3	.0	.0						3.7	9.5
ENE	.3	.9	1.2	.4								2.8	7.3
E	.3	1.2	1.1	.4	.1							3.0	7.3
ESE	.3	.8	1.9	.9	.2	.0						4.2	9.2
SE	.2	1.3	2.1	1.7	1.0	.4	.1					6.9	12.0
SSE	.2	.9	2.4	3.9	3.4	1.9	1.1	.3				14.1	16.5
S	.4	2.1	4.1	6.0	1.7	.5	.2					15.1	12.0
SSW	.3	.8	1.8	1.2	.6	.2						4.9	10.3
SW	.3	.4	.5	.3	.1	.1						1.6	9.0
WSW	.2	.1	.6	.6	.0							1.5	9.6
W	.1	.6	.2	.1	.1	.1						1.2	8.2
WNW	.1	.5	.4	.3	.2	.1						1.5	10.9
NW	.3	.5	.9	1.0	.5	.4	.1					3.7	12.2
NNW	.5	1.4	2.4	2.7	1.6	1.0	.1					9.7	12.5
VARBL													
CALM												4.4	
	4.8	15.4	27.9	27.6	12.3	5.7	1.7	.3				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

2671

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

MAR
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.4	3.1	2.9	1.9	.7	.1					11.5	11.4
NNE	.1	1.1	2.3	2.6	.8	.3						7.7	10.9
NE	.1	.9	2.3	1.7	.0	.0						5.1	9.4
ENE	.1	1.0	1.6	.7	.1	.0						3.6	8.8
E	.7	1.2	1.7	.6	.1	.0						4.3	7.6
ESE	.5	.7	1.6	1.2	.6	.2	.0					4.8	10.7
SE	.5	.9	1.5	2.9	1.1	.8	.2					8.0	13.1
SSE	.3	1.0	2.3	4.2	2.9	2.9	1.2	.3	.0			15.3	17.1
S	.6	1.6	4.3	6.2	2.1	.8	.4	.0				16.1	12.6
SSW	.4	1.0	.9	.7	.1	.2						3.3	9.2
SW	.3	.3	.1	.2	.0	.0						1.0	7.8
WSW	.1	.3	.4	.3	.1	.0						1.2	9.0
W	.1	.4	.4	.2	.0	.0						1.2	8.1
WNW	.2	.3	.5	.3	.2	.0						1.5	9.3
NW	.1	.4	.3	.7	.9	.2	.0					2.7	13.8
NNW	.4	1.5	2.0	2.9	1.0	.6	.1					8.5	11.7
VARBL													
CALM												4.7	
	5.3	14.9	26.0	28.2	12.1	6.9	2.0	.4	.0			100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS APR MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.6	2.0	2.1	.6	.2						7.0	10.4
NNE	.3	1.4	2.3	1.8	.7	.0						6.6	9.9
NE	.5	.9	2.0	.9	.1							4.4	8.1
ENE	.5	1.0	2.2	.7	.1			.0				4.5	8.3
E	.4	1.0	2.0	1.2	.2	.0						4.8	9.0
ESE	.1	1.0	1.1	2.0	.5	.0						4.7	10.8
SE	.3	1.2	2.0	2.6	1.9	.9	.5	.0				9.4	13.9
SSE	.3	1.3	2.4	4.8	2.6	3.8	1.7	.4				17.4	17.2
S	.4	1.8	4.3	9.2	2.8	1.3	.3					20.2	13.1
SSW	.3	.7	.7	.7	.3	.3	.1					3.0	11.8
SW	.1	.2	.1	.4	.1							.9	9.9
WSW		.3	.3	.2	.2	.0						1.0	10.2
W	.1	.5	.4	.2	.1							1.3	8.1
WNW	.2	.3	.7	.3	.1		.0					1.6	9.4
NW	.3	.4	.7	.7	.2	.1	.0					2.5	10.3
NNW	.5	1.0	1.5	1.5	1.3	.5						6.4	12.0
VARBL													
CALM												4.2	
	4.7	14.7	24.6	29.5	11.8	7.3	2.7	.5				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

2594

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

APR

MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.9	2.2	2.7	.6	.3	.0					8.1	10.5
NNE	.3	1.2	2.0	2.0	.9	.2						6.6	10.8
NE	.1	1.3	1.5	.9	.1							3.9	8.4
ENE	.2	.9	1.5	.8	.0							3.4	8.6
E	.5	.8	1.3	1.6	.1	.0						4.3	9.4
ESE	.2	.6	1.0	1.7	.6	.1						4.4	11.2
SE	.5	1.4	2.2	2.0	1.8	1.3	.2	.2				9.5	13.6
SSE	.2	1.3	2.4	4.3	2.3	3.6	1.4	.2				15.8	16.6
S	.3	1.3	5.2	8.4	2.9	1.3	.3					19.8	13.1
SSW	.2	.7	1.1	1.2	.4	.3						4.0	11.4
SW	.2	.3	.4	.2	.1	.0						1.3	8.6
WSW	.1	.5	.5	.2	.1	.1						1.4	9.2
W	.2	.5	.5	.2	.0							1.4	7.1
WNW	.3	.3	.8	.3	.2	.0						1.8	9.0
NW	.3	.5	.8	.9	.2	.2	.0					2.9	10.3
NNW	.4	1.4	2.2	2.3	1.1	.4	.0					7.8	11.5
VARBL													
CALM												3.7	
	4.5	15.1	25.5	29.7	11.4	7.9	2.0	.3				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

2596

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

APR
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	2.2	3.0	1.3	.2						8.3	11.4
NNE	.4	.7	1.7	2.7	1.1	.2						6.8	11.8
NE	.3	.7	1.8	1.0	.2	.0						4.1	9.3
ENE	.2	1.0	1.5	.9	.1	.0						3.7	8.9
E	.3	1.0	1.3	1.2	.3	.0						4.2	9.5
ESE	.4	.6	1.1	1.4	.5	.2						4.2	11.1
SE	.5	.7	1.8	2.2	1.6	1.2	.5	.1				8.5	14.6
SSE	.2	.6	2.3	3.3	2.9	2.9	2.0	.4	.0			14.6	18.3
S	.3	1.7	4.1	8.3	3.2	1.1	.7					19.3	13.7
SSW	.2	.7	1.4	2.3	.9	.4	.3					6.1	13.3
SW	.1	.4	.3	.3	.3	.0						1.4	10.5
WSW	.1	.5	.6	.4	.1							1.7	8.9
W	.2	.2	.4	.1		.1						1.1	8.2
WNW	.2	.3	.5	.3	.2	.2						1.6	10.4
NW	.2	.8	.8	1.1	.8	.1						3.7	11.6
NNW	.4	.9	2.2	2.2	1.5	.3	.1					7.5	11.9
VARBL													
CALM												3.1	
	4.4	12.0	24.0	30.6	15.0	6.9	3.6	.5	.0			100.0	12.6

TOTAL NUMBER OF OBSERVATIONS

2591

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

APR
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	2.6	3.3	1.5	.5	.1					8.6	13.1
NNE	.2	.6	1.7	3.0	1.3	.3						7.2	12.4
NE	.1	.4	1.1	1.2	.3	.1	.0					3.3	11.2
ENE	.0	.6	1.5	1.3	.0	.1	.0					3.6	10.4
E	.2	.7	1.7	1.4	.2	.2						4.3	10.3
ESE	.2	.5	1.2	1.4	.4	.4						4.1	12.1
SE	.2	.7	1.0	1.2	1.0	1.0	.3					5.3	15.2
SSE	.1	.7	1.3	2.6	2.7	2.6	2.5	1.0	.0			13.5	20.5
S	.2	.7	1.7	5.9	5.2	1.8	1.0	.2				16.8	16.7
SSW	.3	.3	1.6	3.8	3.0	1.9	.2	.0				10.8	16.3
SW	.1	.2	.5	1.2	.6	.3	.1					3.0	14.6
WSW	.2	.3	.9	.8	.5	.2						2.7	11.6
W	.1	.2	.3	.5	.2	.0						1.2	10.7
WNW	.2	.3	.4	.7	.5	.2	.0					2.4	12.4
NW	.1	.4	.8	1.1	1.0	.6						4.0	14.2
NNW	.2	.5	1.9	2.9	1.7	.5						7.5	13.4
VARBL													
CALA												1.7	
	2.4	7.5	20.3	32.0	20.0	10.6	4.3	1.2	.0			100.0	14.6

TOTAL NUMBER OF OBSERVATIONS

2592

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS APR MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.6	2.3	3.1	1.5	.2	.0					8.0	12.3
NNE	.3	.5	2.0	2.4	.8	.3						6.4	11.8
NE	.1	.5	1.5	1.8	.4	.1						4.4	11.0
ENE	.1	.5	1.3	1.0	.1	.0						3.0	9.8
E	.2	.6	1.2	.8	.2	.1						3.0	9.7
ESE	.2	.3	1.1	1.4	.3	.2	.1					3.5	12.2
SE	.1	.3	1.1	1.2	.9	.7	.2	.1				4.6	15.2
SSE	.1	.5	.9	1.5	2.8	3.5	2.5	.9				12.7	21.9
S	.1	.7	2.1	6.4	4.6	2.4	.7	.1				17.2	16.5
SSW	.0	.8	1.5	3.9	2.4	1.3	.4					10.2	15.4
SW	.1	.3	1.3	1.8	1.0	.4	.1					4.9	13.7
WSW	.0	.5	.8	.8	.3	.0	.0					2.5	10.9
W	.2	.3	.8	.7	.1	.1						2.2	10.5
WNW	.1	.3	1.1	.8	.4	.5						3.4	13.2
NW		.4	.9	1.4	.7	.2						3.7	12.9
NNW	.2	.8	1.5	3.9	1.9	.6						8.9	13.4
VARBL												1.4	
CALM													
	2.0	8.0	21.5	33.0	18.3	10.7	4.1	1.1				100.0	14.4

TOTAL NUMBER OF OBSERVATIONS

2591

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS APR MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.8	2.4	4.3	1.0	.3						8.9	12.0
NNE	.2	.4	2.5	2.1	.7	.1						5.9	11.4
NE	.2	.4	1.4	1.1	.2	.0						3.4	10.1
ENE	.1	.5	2.0	.8	.1	.1						3.7	9.5
E	.1	.7	1.6	.9	.2							3.5	9.5
ESE	.1	.6	.9	1.4	.5	.1	.1	.0				3.7	12.1
SE	.1	.7	1.4	1.6	1.5	.6	.4	.1				6.3	15.0
SSE	.2	.3	1.2	2.4	2.5	3.8	2.1	.9	.0			13.4	20.9
S	.1	.5	2.3	5.9	4.5	2.2	.9	.2				16.8	16.7
SSW	.2	.3	1.5	2.9	2.5	.6	.2	.1				8.3	15.1
SW	.2	.4	1.0	1.3	.8	.2						3.8	12.8
WSW	.2	.2	.7	.5	.3	.1						2.0	11.6
W	.1	.6	.8	.8	.2	.2						2.6	10.7
WNW		.8	.8	1.0	.6	.3		.0				3.5	12.8
NW	.4	.5	.8	1.0	.5	.2	.0					3.5	11.3
NNW	.1	.7	1.7	4.0	1.7	.7	.1					9.1	14.0
VARBL													
CALM												1.5	
	2.4	8.5	23.0	32.0	17.8	9.6	3.8	1.4	.0			100.0	14.1

TOTAL NUMBER OF OBSERVATIONS

2591

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS APR NORTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.9	3.6	2.8	.4	.1						9.2	9.6
NNE	.2	1.3	3.4	1.7	.5	.2						7.4	10.1
NE	.1	1.4	1.7	.5	.2							4.0	8.1
ENE	.2	1.5	1.4	.5	.2	.1						3.9	8.2
E	.1	1.0	1.8	.5	.0							3.5	8.1
ESE	.4	.9	2.0	1.4	.7	.1						5.6	10.4
SE	.7	.7	1.9	2.2	1.4	.7	.7					8.2	13.8
SSE	.2	.8	2.6	4.1	2.6	3.5	1.5	.3				15.7	17.6
S	.2	1.7	4.3	8.0	2.7	1.5	.3					18.7	13.4
SSW	.4	.5	.8	1.1	.3			.0				3.1	10.0
SW	.2	.4	.3	.3	.1	.1						1.4	11.0
WSW	.2	.4	.3	.4	.1	.1						1.5	9.4
W	.2	.3	.4	.2								1.0	7.4
WNW	.2	.5	.5	.4	.3	.1	.1					2.1	10.8
NW	.5	.5	.9	.7	.2	.2	.0					3.0	9.8
NNW	.3	1.3	2.2	2.7	1.4	.4	.2					8.5	12.1
VARBL													
CALM												3.3	
	4.5	15.3	27.9	27.5	11.1	7.0	2.9	.4				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

2584

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

APR
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.4	2.7	2.0	.7	.2	.1					8.6	9.5
NNE	.3	1.5	2.6	1.5	.6	.2						6.7	10.0
NE	.2	1.2	1.8	.5	.2							3.8	7.9
ENE	.3	1.5	1.7	.8	.2							4.4	8.1
E	.4	1.7	1.8	.8	.1	.0						4.8	7.7
ESE	.4	.8	1.6	2.2	.7	.4	.1					6.2	11.7
SE	.5	1.1	1.7	3.2	1.0	1.3	.8	.1				9.8	14.5
SSE	.2	1.5	3.1	5.0	2.3	3.4	1.7	.5	.0			17.7	16.8
S	.7	1.7	4.1	8.0	3.0	1.1	.3	.0				18.9	13.1
SSW	.2	.4	.5	.4	.1							1.5	9.0
SW	.1	.1	.3	.3	.1					.0		1.0	11.9
WSW		.2	.2	.2	.2							.7	10.4
W	.3	.1	.3	.1	.1							.9	7.0
WNW	.1	.2	.4	.3	.2		.1					1.4	12.5
NW	.2	.3	.8	.8	.3	.1						2.5	11.2
NNW	.5	1.2	1.1	2.1	.9	.5	.2					6.4	12.2
VARBL													
CALM												4.8	
	4.9	16.0	24.7	28.2	10.4	7.1	3.3	.6	.0	.0		100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

2589

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

MAY
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.5	1.7	1.0	.3	.1						5.	8.7
NNE	.3	.3	1.6	1.3	.1	.1						4.7	9.0
NE	.3	1.2	1.5	.6	.1							3.6	1.1
ENE	.2	.8	1.6	.3	.0							2.8	7.8
E	.4	1.4	1.6	.6	.1							4.2	7.6
ESE	.6	.9	2.3	1.7	.7	.3	.2					6.7	11.1
SE	.6	2.0	2.9	3.4	1.3	.6	.1					10.9	11.2
SSE	.4	1.9	3.9	4.9	3.0	2.8	.9	.1				17.8	14.9
S	1.0	3.0	7.0	8.1	2.7	1.3	.4	.1				23.6	12.0
SSW	.7	1.3	.9	.6	.2	.1	.1					3.9	8.5
SW	.1	.4	.3	.1	.1							1.0	8.0
WSW	.1	.2	.3	.0	.1							.8	7.5
W	.2	.5	.5	.1								1.3	6.5
WNW	.3	.7	.6	.1	.1	.0						1.8	6.2
NW	.3	.4	.7	.4	.1							2.0	8.2
NNW	.3	.9	1.5	.5	.3	.1						3.6	9.1
VARBL													
CALM												5.9	
	6.4	18.6	29.0	23.5	9.3	5.5	1.3	.2				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

2690

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)**

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

TYPE

MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.1	2.2	1.7	.4	.1						6.1	9.6
NNE	.4	.9	1.6	.8	.5	.0						4.1	9.5
NE	.4	1.0	1.2	.5	.1							3.0	7.3
ENE	.3	.8	1.2	.7								2.9	7.9
E	.5	1.5	.9	.5	.1							3.6	7.0
ESE	.5	1.0	1.9	1.5	.3	.1						5.3	9.8
SE	.7	1.6	2.9	2.8	1.8	.7	.1					10.7	11.8
SSE	.4	2.4	3.4	4.6	3.0	2.8	.7	.0				17.3	14.4
S	1.0	2.5	6.8	3.6	1.9	1.1	.5					22.3	11.9
SSW	.9	.9	1.0	.6	.4	.1	.0					4.0	8.7
SW	.4	.6	.4	.4								1.8	6.9
WSW	.2	.8	.2	.2								1.4	6.5
W	.3	.7	.7	.0	.0							1.7	6.3
WNW	.2	.5	.6	.1	.2							1.6	7.9
NW	.2	.7	.7	.3	.2		.0					2.1	8.7
NNW	.6	1.0	2.0	.9	.1							4.6	8.3
VARBL													
CALM												7.4	
	7.5	17.9	27.6	24.2	9.0	5.0	1.4	.0				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

2689

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72
YEARS

MAY
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	1.9	1.9	.3	.1						5.8	9.7
NNE	.3	.9	1.9	1.3	.4	.0						4.8	9.9
NE	.2	.6	1.2	.4	.1							2.6	8.1
ENE	.4	.9	1.1	.8	.2							3.3	8.6
E	.5	1.4	1.6	.4	.2							4.2	7.5
ESE	.2	1.6	1.6	1.5	.5	.3	.0					5.7	10.2
SE	.3	1.5	2.6	2.0	1.1	.5	.2					8.2	11.8
SSE	.1	1.4	3.3	4.5	2.7	2.8	1.1	.2				16.0	15.8
S	.7	2.4	6.0	9.0	3.5	1.6	.7	.1				23.9	13.1
SSW	.4	.9	1.5	1.8	.4	.4	.3	.0				5.6	12.1
SW	.1	.6	.3	.3	.1	.1						1.5	9.1
WSW	.3	.5	.8	.1	.0	.0						1.8	7.3
W	.1	.5	.6	.2	.0							1.4	7.8
WNW	.3	.5	.6	.3	.0							1.8	7.4
NW	.3	.7	1.2	.6	.1	.1						3.0	8.8
NNW	.5	.8	1.8	1.5	.4	.1						5.1	10.2
VARBL													
CALM												5.1	
	5.1	16.2	28.1	26.9	10.1	6.0	2.3	.3				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

2680

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

MAY

MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.8	2.2	2.3	.4	.1						6.3	10.5
NNE	.1	.9	1.8	1.9	.4	.1						5.2	10.5
NE	.2	.8	1.7	.9	.2	.0						3.8	9.4
ENE	.2	.5	1.1	.6	.1							2.5	9.0
E	.4	1.0	1.2	.6	.2	.1						3.6	8.3
ESE	.2	.7	1.5	1.5	.6	.3	.1					5.0	12.2
SE	.2	.8	1.5	1.6	.6	.5	.1					5.4	12.2
SSE	.3	.8	2.6	2.7	2.6	3.4	1.5	.3	.0			14.3	17.7
S	.2	1.6	4.5	8.2	5.5	3.0	.9	.4				24.5	15.4
SSW	.3	.9	2.0	4.4	1.7	.4	.5	.2				10.5	14.0
SW	.2	.7	1.4	1.1	.3	.3						4.1	10.9
WSW	.1	.5	.8	.4	.2	.0						2.0	9.5
W	.1	.2	.6	.2	.1							1.2	7.9
WNW	.0	.3	.6	.2	.1							1.3	9.1
NW	.1	.3	.7	.8	.2	.0						2.2	10.8
NNW	.2	.9	1.4	2.0	.5	.3						5.3	11.3
VARBL													
CALM												2.9	
	3.4	12.0	25.8	29.5	13.7	8.5	3.2	.9	.0			100.0	12.8

TOTAL NUMBER OF OBSERVATIONS

2683

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

ALL WEATHER
CLASS

YEARS

43-45, 47-72

MAY
MONTH

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.8	1.9	1.9	.8	.3						6.0	11.5
NNE	.2	.8	2.1	1.9	.3	.1						5.4	10.1
NE	.4	.7	1.3	.8								3.3	8.2
ENE	.1	.8	1.0	1.0	.1							3.0	9.5
E	.1	1.2	1.4	.6	.1	.0						3.4	8.3
ESE	.3	.7	1.4	1.6	.5	.3	.2					5.0	11.9
SE		1.0	1.4	1.7	.9	.8	.2					6.1	13.7
SSE	.1	1.2	2.7	2.7	2.6	2.9	1.4	.4	.0			14.2	17.4
S	.5	1.5	4.6	9.3	5.7	2.8		.2	.1			25.5	15.1
SSW	.1	.7	2.2	3.4	2.0	.8	.1	.1				9.5	14.3
SW	.2	.6	1.0	1.2	.4	.1	.0					3.6	11.1
WSW	.1	.5	.6	.4	.2							1.8	9.2
W	.1	.2	.3	.2	.0	.0						.9	9.2
WNW	.3	.3	.7	.3	.3	.0						2.0	10.1
NW	.1	.4	.7	.5	.3	.1						2.0	10.6
NNW	.2	.7	2.1	1.7	.7	.2						5.6	11.3
VARBL													
CALM												2.7	
	3.2	12.1	25.3	29.4	15.1	8.5	2.9	.7	.1			100.0	12.9

TOTAL NUMBER OF OBSERVATIONS

2680

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-45, 47-72 MONTH MAY
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	2.0	2.0	.5	.1						6.0	10.4
NNE	.3	.8	2.3	2.1	.4							5.8	10.3
NE	.2	.6	1.3	.8	.1							3.1	9.0
ENE	.2	.8	1.5	.4	.0							2.9	8.1
E	.3	1.3	1.5	.8	.1							3.9	8.0
ESE	.1	1.3	1.9	1.5	.6	.4	.2					6.0	11.5
SE	.2	.9	2.9	2.0	1.1	.9	.2	.0				8.3	13.1
SSE	.1	1.0	2.7	4.7	3.4	3.8	1.8	.3				17.7	17.4
S	.1	1.1	3.5	9.8	5.1	2.6	.5	.1	.0			23.0	15.2
SSW	.1	.5	1.9	2.1	.9	.6	.2					6.2	13.4
SW	.1	.5	1.0	.7	.2	.1						2.6	10.6
WSW		.4	.4	.3	.0	.0						1.2	9.1
W	.0	.3	.5	.1	.1	.0						1.1	9.7
WNW	.1	.1	.7	.6	.2	.0						1.8	10.9
NW	.0	.1	.8	.7	.3							1.9	11.2
NNW	.3	.6	1.9	1.9	.6	.2	.1					5.8	11.4
VARBL													
CALM												2.7	
	2.7	11.3	26.9	30.6	13.6	8.7	2.9	.4	.0			100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 2688

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

MAY
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.8	2.0	1.6	.3	.1	.0					6.2	9.3
NNE	.4	1.4	2.0	1.4	.3							5.6	9.0
NE	.4	1.0	1.2	.5	.0							3.2	7.5
ENE	.2	1.5	1.5	.4	.1							3.8	7.5
E	.6	1.5	2.1	.6	.1							4.8	7.3
ESE	1.0	1.9	3.5	1.4	.3	.3	.1					8.5	9.1
SE	1.1	2.1	3.5	3.3	1.6	.4	.1	.0		.0		12.2	11.0
SSE	.4	1.9	4.5	5.6	3.3	3.3	1.0	.0				19.9	14.8
S	.3	2.0	5.4	8.0	2.7	.6	.2	.0				19.2	12.4
SSW	.2	.9	.7	1.0	.3	.0	.0					3.2	10.3
SW	.1	.3	.3	.1								.7	6.4
WSW	.2	.2	.3	.2								.9	8.1
W	.0	.1	.2		.0							.3	7.9
WNW	.0	.2	.4	.1	.1	.0						.9	9.8
NW	.0	.3	.3	.3		.0	.0					1.0	9.7
NNW	.2	.9	1.9	1.2	.3	.2	.0					4.7	10.1
VARBL													
CALM												4.8	
	5.6	17.9	29.7	22.6	9.6	5.0	1.6	.1		.0		100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

2691

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45, 47-72 YEARS MAY NORTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.1	2.1	1.5	.2	.1	.0					5.7	9.2
NNE	.4	1.5	1.4	1.0	.3							4.6	8.4
NE	.4	1.0	1.3	.9								3.5	8.0
ENE	.6	1.5	1.0	.6	.2							3.9	7.3
E	.5	1.3	1.6	.9	.1							4.4	7.9
ESE	.9	1.1	3.0	2.3	.4	.4	.1	.1				8.4	10.9
SE	1.2	2.9	3.7	3.5	2.1	.5	.2	.1				14.3	11.0
SSE	.3	2.1	3.8	6.4	3.6	2.2	1.4	.1				19.9	14.9
S	.6	2.5	5.6	7.2	1.6	.9	.3	.0				18.8	11.7
SSW	.1	.4	.3	.6	.3							1.8	11.2
SW	.1	.1	.3	.2	.0							.8	8.5
WSW	.1	.5	.4	.0		.0						1.0	7.0
W	.1	.1	.3	.1	.1	.0						.6	9.6
WNW	.1	.2	.3	.2								.7	8.5
NW	.0	.4	.3	.3	.1							1.2	9.1
NNW	.4	1.0	1.2	.7	.2	.1						3.8	8.9
VARBL													
CALM												6.6	
	6.3	17.9	26.5	26.5	9.4	4.4	2.1	.3				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

2683

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE: FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45.47-72

YEARS

JUN
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.6	1.1	.7	.2	.1						2.9	9.5
NNE	.3	.9	1.3	.5	.2							3.1	8.1
NE	.3	1.	.9	.4	.0							2.8	6.8
ENE	.3	.7	1.3	.2								2.5	7.2
E	.8	1.6	1.2	.6								4.2	6.4
ESE	.8	1.1	2.0	2.0	.4	.2						6.5	9.8
SE	.8	2.7	3.7	3.8	2.0	1.0						14.0	11.4
SSE	.5	2.3	5.2	7.9	5.6	4.6	.9	.1				27.2	15.2
S	.9	3.0	8.6	8.4	2.4	1.0	.1	.2				24.6	11.2
SSW	.2	.8	.7	.9	.2	.1						2.9	9.8
SW	.2	.3	.4	.2	.1							1.1	8.0
WSW	.2	.3	.2		.1							.7	6.6
W	.1	.2	.3	.0								.6	5.8
WNW	.0	.2	.1	.1								.4	7.3
NW	.2	.2	.4	.3	.2							1.3	9.4
NNW	.4	.3	.7	.5	.0	.0	.0					2.0	8.8
VARBL													
CALM												3.4	
	6.3	16.4	28.0	26.4	11.3	7.0	1.0	.2				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

2558

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

JUN
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.9	1.3	.8	.1	.1						3.6	8.6
NNE	.2	.9	1.1	.8	.2							3.2	8.9
NE	.5	.5	.7	.5	.1							2.4	7.7
ENE	.2	.5	1.3	.3	.1							2.3	8.2
E	.4	.7	1.4	.2	.2							2.9	7.5
ESE	.7	.8	1.6	1.2	.5	.2						5.0	9.6
SE	1.0	1.8	3.4	3.6	1.8	.7	.1					12.5	11.4
SSE	.5	2.2	4.3	7.1	5.2	4.1	.7	.0				24.1	15.1
S	1.1	3.9	10.0	8.0	2.1	1.5	.4					27.0	11.2
SSW	.6	1.1	.8	.7	.3	.2	.0					3.8	9.1
SW	.3	.4	.4	.2	.1							1.4	7.3
WSW	.0	.2	.3	.1								.6	8.1
W	.2	.3	.3	.1								.9	6.9
WNW	.2	.3	.5	.2	.0							1.2	7.4
NW	.3	.4	.5	.4	.1							1.6	8.2
NNW	.2	.5	.6	.4	.2	.1						2.0	9.4
VARBL													
CALM												5.5	
	6.9	15.4	28.6	24.6	11.0	6.7	1.3	.0				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

2556

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

JUN
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	1.1	.8	.0	.0						3.4	8.1
NNE	.3	.9	1.3	.6	.1							3.2	8.5
NE	.4	1.1	.6	.6	.0							2.7	7.3
ENE	.2	.7	1.0	.5	.0	.0						2.5	8.3
E	.4	.4	1.2	.4	.2	.0						3.1	8.2
ESE	.3	1.1	1.3	.9	.4	.1						4.2	9.6
SE	.6	1.4	2.5	2.0	1.1	.4	.0					7.9	11.1
SSE	.2	1.7	4.2	5.7	5.3	3.9	.7	.2				22.0	15.7
S	.7	3.4	8.8	10.0	3.0	3.0	.7					29.7	12.8
SSW	.2	1.0	2.2	2.9	1.4	.5	.0					8.1	12.5
SW	.4	.5	.5	.5								1.8	7.6
WSW	.3	.4	.2	.2	.0							1.0	6.5
W	.2	.3	.4	.0								.8	6.2
WNW	.2	.3	.3	.1								.9	6.5
NW	.2	.7	.4	.2								1.4	6.5
NNW	.1	.7	1.1	.8	.4	.0						3.1	9.9
VARBL													
CALM												4.0	
	5.0	15.9	21.2	26.1	12.0	8.1	1.5	.2				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

2558

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS JUN 1900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	1.1	1.1	.4	.0						3.6	9.6
NNE	.4	.9	1.2	1.3	.3			.0				4.0	9.5
NE	.3	.3	.9	.8		.0						2.6	8.4
ENE	.2	.3	1.0	.6	.1							2.2	8.8
E	.2	.8	1.1	.7	.2							3.0	8.7
ESE	.4	.6	1.5	.9	.7	.1	.0					4.1	10.5
SE	.2	.9	1.8	1.6	.8	.5	.1					5.9	12.2
SSE	.2	1.1	2.3	3.1	3.8	3.4	1.0	.2				15.0	17.0
S	.5	1.7	5.7	10.3	5.4	4.4	1.4	.1				29.4	15.4
SSW	.4	.9	3.4	5.6	2.6	1.3	.0					14.2	13.5
SW	.3	1.0	1.9	1.4	.4	.3						5.3	10.3
WSW	.3	.5	1.0	.4								2.1	7.6
W	.2	.3	.4	.3								1.1	7.9
WNW	.1	.2	.2	.1								.7	7.5
NW	.2	.4	.4	.3		.0						1.2	8.1
NNW	.3	1.0	1.2	.6	.1							3.1	8.1
VARBL													
CALM												2.4	
	4.4	11.8	24.9	29.1	14.4	10.1	2.5	.3				100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 2564

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

2

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS JUN MONTH
1200-1400 HOURS (L.S.T.)

STATION NAME ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9	1.6	.8	.2							3.5	9.3
NNE	.2	.7	1.3	1.0	.0							3.2	9.3
NE	.1	.6	1.3	.5	.0							2.5	8.6
ENE	.2	.7	1.0	.8								2.7	8.5
E	.3	.7	1.0	.8	.1							2.9	8.3
ESE	.2	.9	1.4	1.3	.4	.0						4.1	10.2
SE	.4	1.1	2.0	2.2	1.1	.5	.1					7.5	12.2
SSE	.4	1.2	2.7	4.7	4.9	5.1	1.3	.3				20.5	17.5
S	.4	1.8	5.0	10.7	5.1	3.6	.8	.0				27.5	14.8
SSW	.4	.8	2.9	4.4	2.2	.6						11.2	12.9
SW	.3	.7	1.3	1.2	.3	.1						3.8	9.8
WSW	.2	.7	.5	.3								1.7	7.3
W	.2	.4	.4	.1	.1							1.1	7.8
WNW	.0	.1	.3									.4	7.2
NW	.3	.4	.6	.5	.0							1.8	8.5
NNW	.2	.5	1.3	1.1	.2	.0						3.3	9.8
VARBL													
CALM												2.2	
	3.6	12.3	24.5	30.2	14.7	10.0	2.2	.4				100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 2560

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

JUN
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	1.7	.9	.1	.0						3.4	9.3
NNE	.1	.4	1.5	.8	.1							2.9	9.7
NE	.2	.8	1.4	.4	.0							2.9	7.9
ENE	.4	.8	2.0	.4	.0							3.6	7.8
E	.1	.5	1.8	.8	.0							3.3	8.8
ESE	.1	1.2	2.1	1.4	.6	.2						5.5	10.6
SE	.3	1.6	3.1	3.5	2.7	1.0	.2					12.4	13.2
SSE	.2	1.5	4.0	6.0	6.8	6.5	1.4	.3				26.6	17.3
S	.3	1.3	5.0	10.8	4.0	1.6	.5					23.4	13.9
SSW	.2	.4	1.4	2.9	1.0	.2	.1					6.2	12.9
SW	.1	.4	.5	.5	.1	.1	.0					1.6	10.4
WSW	.3	.3	.4	.2	.0							.9	9.1
W	.3	.2	.2	.0	.0	.0						.8	6.9
WNW	.1	.2	.2									.4	5.9
NW	.1	.3	.2	.4						.0		1.1	10.2
NNW	.2	.7	1.6	1.0	.3							3.7	9.5
VARBL													
CALM												1.2	
	2.9	11.2	26.7	30.1	15.8	9.6	2.2	.3		.0		100.0	13.1

TOTAL NUMBER OF OBSERVATIONS

2561

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

JUN
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.2	.8	.1							3.0	9.0
NNE	.1	.6	1.4	.6	.2							3.0	9.2
NE	.2	.9	1.3	.3								2.7	7.3
ENE	.4	1.7	1.5	.5	.1							4.3	7.3
E	.9	1.6	2.1	.5	.0	.0						5.1	7.0
ESE	.7	2.2	3.6	1.4	.7	.2						8.7	9.1
SE	.8	3.1	6.3	5.8	2.7	.9	.0					19.6	11.4
SSE	.4	1.9	6.1	9.5	6.0	3.2	.5	.2				27.7	14.5
S	.3	1.8	6.3	7.5	1.4	.4	.1					17.7	11.4
SSW	.1	.4	.6	.7	.1	.1	.0					2.1	10.3
SW	.1	.5	.2	.1								.9	7.5
WSW	.1	.2	.2									.5	6.6
W	.0	.0	.0									.1	5.7
WNW		.1	.1			.0						.3	9.1
NW	.1	.1	.1	.1								.4	6.6
NNW	.0	.2	1.1	.7	.0							2.0	10.1
VARBL													
CALM												1.9	
	4.3	15.9	32.1	28.6	11.3	4.9	.7	.2				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

2560

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

JUN
MONTH

2100-2300
HOURS (L.T.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	1.1	.6	.1							2.2	9.3
NNE	.2	.5	1.1	.5	.1							2.4	8.6
NE	.4	.9	1.3	.3	.1							2.9	7.3
ENE	.4	1.4	1.0	.3		.1						3.3	7.1
E	.7	2.3	2.0	.5	.1							5.6	6.8
ESE	1.1	1.4	2.9	2.3	.9	.2						8.8	9.7
SE	.9	3.2	4.6	6.7	3.0	1.2	.1					19.7	12.0
SSE	.6	3.7	7.0	7.7	5.2	3.4	1.0	.1				28.8	13.8
S	.6	2.2	7.2	6.2	1.5	.5						18.3	10.8
SSW	.2	.4	.3	.5	.2		.0					1.6	10.2
SW	.1	.2	.1	.2	.0							.6	8.0
WSW	.0	.0	.1	.1	.0	.0						.3	12.3
W	.0	.0	.1	.1	.0							.3	9.5
WNW	.1	.1	.1	.1								.3	7.9
NW	.0	.2	.2	.2		.0						.6	8.6
NNW	.2	.2	.7	.3	.2	.0	.1					1.8	11.0
VARBL													
CALM												2.6	
	5.5	17.2	29.8	26.4	11.5	5.7	1.2	.1				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

2560

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOU P Y OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

JUL
MONTH

0000-0200

HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.7	.4	.2	.0	.0						1.7	7.3
NNE	.4	.5	.9	.1	.0							2.0	6.6
NE	.2	1.3	1.2	.2	.1							3.0	7.0
ENE	.5	1.1	1.5	.2								3.2	6.8
E	.8	1.7	1.8	.6	.1							5.0	6.9
ESE	.6	1.1	2.3	2.1	.4	.1						6.6	9.7
SE	.5	1.9	4.4	4.4	1.5	.2	.1					12.9	10.9
SSE	.6	3.1	6.5	8.3	3.1	.9	.1					22.8	12.0
S	1.1	5.0	15.0	7.4	1.0	.2						29.7	9.3
SSW	.5	.6	1.1	1.1	.3	.3						3.8	10.9
SW	.2	.3	.6	.1	.2	.0						1.4	8.8
WSW	.2	.3	.2	.2	.0	.0						.8	8.1
W	.0	.1	.2									.3	6.3
WNW	.2	.1	.2									.5	5.8
NW	.1	.3	.2		.0							.7	6.4
NNW	.2	.6	.2	.1	.1							1.1	6.6
VARBL													
CALM												4.6	
	6.3	18.7	36.6	25.0	6.9	1.7	.2					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

2648

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 JUL MONTH
0300-0500 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	.9	.3								2.6	6.5
NNE	.5	1.2	1.1	.2	.0							3.0	6.4
NE	.4	1.0	1.3	.2	.1							3.0	7.0
ENE	.6	1.1	1.1	.3	.1							3.3	6.9
E	.4	1.2	1.5	.2	.1							3.4	7.0
ESE	.5	.9	2.0	1.2	.2		.0					4.8	9.1
SE	.5	1.8	3.8	4.1	1.5	.1	.0					11.9	10.9
SSE	.5	2.4	5.7	7.2	2.5	.7	.0					19.1	11.8
S	1.2	6.9	15.1	7.6	1.4	.2		.0				32.4	9.2
SSW	.6	1.4	2.0	.9	.6	.2	.0					5.5	9.3
SW	.3	.2	.4	.3	.2							1.4	9.4
WSW	.1	.2	.2	.1								.6	6.2
W	.2	.3	.2	.0								.7	6.1
WNW	.0	.1	.1	.1	.0							.3	8.9
NW	.1	.4	.1		.0							.7	5.8
NNW	.2	.3	.5	.2	.0	.0						1.3	8.1
VARBL													
CALM												6.0	
	6.5	20.3	36.0	22.9	6.8	1.2	.2	.0				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2646

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72
YEARS

JUL
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.9	1.0	.5	.1							2.9	7.7
NNE	.5	1.1	.8	.7								3.1	7.3
NE	.5	.8	.9	.5	.0							2.6	7.3
ENE	.5	.6	1.4	.4	.1							3.1	7.4
E	.6	1.2	1.6	.6								4.1	7.3
ESE	.4	1.2	1.6	1.2	.2	.1	.0					4.7	9.1
SE	.4	1.7	3.1	2.3	.9	.1						8.5	10.2
SSE	.6	2.0	4.7	5.9	3.3	.7	.1					17.3	12.4
S	1.0	4.3	12.3	6.3	2.2	.8						29.0	10.4
SSW	.5	2.1	4.1	4.0	1.3	.2						12.1	10.5
SW	.3	.8	1.1	.9	.3	.1						3.6	9.8
WSW	.2	.7	.4	.3	.0							1.6	7.0
W	.1	.1	.2									.4	5.5
WNW	.0	.2	.1	.0	.0							.4	7.1
NW	.2	.3	.3	.0								.8	5.8
NNW	.1	.5	.3	.2								1.1	7.6
VARBL													
CALM												4.6	
	6.3	18.6	34.0	26.0	8.4	1.9	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

2641

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
13919

STATION NAME
TINKER AFB OK/OKLAHOMA CITY

YEARS
43-45, 47-72

MONTH
JUL

HOURS (L.S.T.)
0900-1100

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	.8	.6	.0							2.4	7.8
NNE	.2	.8	1.6	.8	.0							3.4	8.6
NE	.2	.8	1.4	.6	.1							3.1	6.2
ENE	.4	.6	1.4	.7	.0							3.1	8.1
E	.3	.9	1.2	.7	.1							3.3	8.4
ESE	.3	.7	1.0	1.2	.4	.1						3.6	10.1
SE	.4	1.4	2.2	1.5	.8	.4	.0					6.7	10.7
SSE	.4	1.5	3.3	4.6	2.0	.9	.2					12.8	12.6
S	.8	2.1	7.3	8.1	3.1	.8						22.1	11.7
SSW	.3	1.8	5.7	7.3	2.8	.8	.0	.0				18.8	12.4
SW	.4	1.0	3.0	3.3	.6	.1						8.5	10.7
WSW	.2	.9	1.9	1.3	.2	.0						4.5	9.8
W	.2	.7	.7	.3	.0							1.9	7.3
WNW	.3	.3	.3	.0								.9	5.8
NW	.1	.5	.1	.0								.7	5.3
NNW	.2	.2	.3	.2								.9	7.2
VARBL													
CALM												3.3	
	5.0	14.8	32.1	31.2	10.2	3.1	.2	.0	.0			100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 2642

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS JUL NORTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.9	.7	.0							2.8	7.9
NNE	.2	.9	1.7	.5	.1							3.4	8.1
NE	.1	1.0	1.6	.6	.0							3.3	8.0
ENE	.3	1.3	2.0	.8	.1		.0					4.6	8.1
E	.5	1.2	1.5	.9	.0							4.2	7.8
ESE	.3	1.3	2.0	.9	.3	.1	.0					4.9	9.1
SE	.4	1.5	2.3	2.2	1.2	.3						7.9	11.1
SSE	.5	2.0	4.9	5.1	3.4	1.1	.0					17.1	12.5
S	.4	2.8	7.0	8.7	2.7	1.1	.0	.0				22.7	11.9
SSW	.2	1.3	4.6	6.3	1.8	.3	.0					14.6	11.9
SW	.1	.8	1.7	2.6	.2							5.4	10.9
WSW	.2	.6	1.1	.7		.0						2.5	8.8
W	.3	.5	.3	.1			.0					1.2	6.5
WNW	.1	.2	.4	.1								.8	7.2
NW	.2	.3	.2	.0	.0	.0						.9	6.4
NNW	.2	.3	.3	.2								.9	7.0
VARBL													
CALM												2.7	
	4.5	16.8	32.5	30.4	9.9	3.0	.2	.0				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

2642

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 JUL MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.8	.7	.0							2.0	9.4
NNE	.2	1.2	1.4	1.2	.1							4.0	8.7
NE	.5	1.0	1.5	.6	.0	.0						3.7	7.6
ENE	.2	.8	2.2	.6	.1							3.8	8.5
E	.5	1.5	2.7	1.3	.2							6.1	8.5
ESE	.3	1.1	3.0	2.1	.6	.1	.0					7.2	10.2
SE	.3	1.8	4.1	3.7	1.6	.4						11.9	11.3
SSE	.3	1.8	5.3	7.3	3.6	2.0	.2					20.5	13.5
S	.5	2.4	6.9	9.1	2.7	.6	.0					22.3	11.7
SSW	.2	1.2	2.6	3.7	1.2	.3	.0					9.3	11.9
SW	.2	.6	.9	1.2	.2							3.1	10.1
WSW	.2	.2	.8	.2	.2							1.4	9.1
W	.2	.2	.0	.1								.6	6.0
WNW	.0	.0	.2	.1								.3	8.3
NW	.2	.2	.1	.1	.0							.6	7.1
NNW	.2	.3	.3	.2	.0							.9	7.6
VARBL													
CALA												2.2	
	4.1	14.6	32.6	32.2	10.5	3.5	.3					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 2640

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

JUL

MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.4	.7	.3	.1	.0						1.5	9.1
NNE	.3	.9	1.1	.4	.0							2.8	7.7
NE	.4	1.6	1.2	.7	.0	.0						3.9	7.5
ENE	.4	1.4	1.8	.6	.1	.0						4.3	7.5
E	.5	2.2	2.4	.6	.1							5.8	7.1
ESE	.8	2.5	5.3	1.9	.2	.1						10.8	8.7
SE	.9	4.1	7.1	6.7	1.2	.2						20.3	9.9
SSE	.5	3.0	7.8	7.9	2.7	.6						22.6	11.4
S	.5	2.9	7.5	6.7	.8	.2						18.5	10.0
SSW	.2	.5	1.0	1.0	.3	.0						3.1	10.5
SW	.2	.1	.5	.4	.1							1.2	9.8
WSW	.1	.2	.2	.0								.5	6.6
W	.0	.1	.0	.0								.2	7.4
WNW	.1	.0	.0	.1								.2	7.5
NW	.2	.0	.1	.1	.0							.4	7.9
NNW			.2	.0	.1		.0					.3	13.6
VARBL													
CALM												3.4	
	5.2	19.8	37.0	27.4	5.8	1.3	.0					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

2642

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

ALL WEATHER
CLASS

JUL
MONTH

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.8	.8	.2	.1							2.1	7.3
NNE	.1	.9	.5	.3	.1	.0						1.9	8.3
NE	.3	1.4	1.4	.2	.0							3.4	5.9
ENE	.3	1.0	1.7	.3		.0	.0					3.4	7.8
E	.7	1.7	2.5	.6								5.5	7.1
ESE	1.2	1.5	4.7	2.4	.5	.0						10.4	9.2
SE	1.1	3.4	5.6	7.2	1.4	.2						18.9	10.4
SSE	1.0	3.8	8.2	9.3	2.8	.6		.0				25.7	11.1
S	.6	3.0	11.4	5.0	.6							20.6	9.3
SSW	.2	.4	.5	.8	.1	.1						2.0	10.3
SW			.2	.0	.1							.3	11.0
WSW	.0	.1	.1		.0							.3	8.3
W	.2	.0	.1									.3	4.4
WNW	.1	.1	.1	.1								.3	7.3
NW	.2											.2	2.3
NNW	.1	.2	.3	.0	.0							.7	7.4
VARBL													
CALM												4.2	
	6.2	18.2	38.2	26.4	5.8	1.0	.0	.0				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

2642

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13019 STATION TINKER AFB OK/OKLAHOMA CITY 43-45.47-72 YEARS AUG MONTH
0000-0200 HOURS (L.S.T.)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.5	.7	.2	.1							1.8	7.0
NNE	.2	.6	1.8	.4	.0							3.1	8.2
NE	.4	1.0	1.2	.3	.1							2.9	7.2
ENE	.5	.6	1.3	.3								2.8	7.1
E	.8	1.8	1.7	.6	.0							4.9	6.9
ESE	.8	1.0	2.5	1.6	.3							6.3	8.9
SE	.8	2.2	3.8	5.5	1.0	.0						13.4	10.4
SSE	.4	3.6	6.4	9.9	3.4	.6						24.3	11.8
S	.9	4.3	11.4	6.5	1.0	.3	.0					24.4	9.5
SSW	.5	.5	1.5	1.4	.1	.0						4.2	9.5
SW	.3	.1	1.0	.6	.1							2.1	9.1
WSW	.0	.0	.4	.1								.6	9.2
W	.1	.2	.1	.1								.5	6.6
WNW	.1	.1	.4	.1	.0							.8	7.7
NW	.2	.2	.3	.0								.7	6.2
NNW	.4	.4	.4	.3								1.5	6.8
VARBL													
CALM												5.7	
	6.8	17.3	34.8	28.1	6.3	1.0	.0					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

2688

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS AUG MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	1.0	.3	.1							2.9	6.9
NNE	.1	1.0	1.5	.1	.1	.0						2.8	8.0
NE	.4	1.0	1.4	.3	.0							3.2	7.0
ENE	.7	.9	.8	.3	.0							2.7	6.3
E	.6	1.3	1.4	.3	.0							3.8	6.8
ESE	.7	1.0	1.9	1.2	.4	.0						5.1	9.0
SE	1.0	1.9	3.4	4.9	.6							11.8	10.1
SSE	.4	2.7	5.5	8.0	2.4	.4	.0					19.4	11.5
S	1.6	5.2	13.8	7.1	1.2	.1						28.9	9.2
SSW	.7	1.6	2.5	1.1	.1	.1						6.1	8.1
SW	.2	.4	1.1	.3	.1							2.2	8.1
WSW	.2	.3	.5	.1	.0							1.1	6.6
W	.3	.2	.3	.0								.9	5.4
WNW	.2	.2	.4	.1								.9	6.0
NW	.3	.2	.6	.1								1.3	6.9
NNW	.2	.5	.6	.3								1.6	7.3
VARBL													
CALM												5.5	
	8.2	19.4	36.6	24.5	5.1	.6	.0					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

2689

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13919 STATION TINKER 13 OK/OKLAHOMA CITY 43-45, 47-72 YEARS AUG MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	1.1	.4								2.6	7.4
NNE	.2	.7	1.7	.6	.0							3.2	8.0
NE	.4	1.1	1.5	.3								3.3	6.9
ENE	.4	1.0	1.2	.3	.0							3.0	7.1
E	.3	1.0	1.2	.4								3.0	7.3
ESE	.8	1.2	1.8	1.3	.2							5.2	8.2
SE	.8	1.9	2.9	3.0	1.0	.2	.1					10.0	10.3
SSE	.7	1.9	4.8	6.2	2.3	.6						16.4	11.8
S	1.1	5.6	11.7	6.5	2.0	.7	.0					27.6	9.9
SSW	.4	1.9	3.6	2.6	.9	.1						9.5	10.0
SW	.2	.8	1.2	.9	.1	.0						3.2	9.0
WSW	.2	.4	.4	.4	.0							1.4	8.1
W	.1	.4	.3	.0								.9	6.4
WNW	.1	.4	.3	.1								.9	6.4
NW	.4	.6	.4	.1								1.5	5.6
NNW	.6	.7	.9	.3								2.5	6.8
VARBL													
CALM												5.8	
	7.0	20.4	34.8	23.6	6.6	1.7	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

2692

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

AUG
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	.8	.6	.1							2.3	8.8
NNE	.3	1.0	1.6	1.2	.1	.0						4.2	8.8
NE	.3	1.0	1.4	.5								3.1	7.7
ENE	.4	.8	1.6	.6	.0							3.5	7.9
E	.5	1.3	2.0	.9	.2							4.9	8.3
ESE	.4	.8	1.1	1.0	.3	.1						3.8	9.7
SE	.3	1.0	2.2	2.1	.9	.1						6.6	10.8
SSE	.6	1.1	3.8	4.3	2.8	.7						13.3	12.8
S	.6	2.7	6.8	6.6	2.6	.8						20.0	11.4
SSW	.3	1.1	5.2	8.2	1.9	.7	.0					17.5	12.3
SW	.4	1.0	3.3	2.8	.7							8.2	10.5
WSW	.1	.9	.9	.8	.2	.0						3.0	9.2
W	.3	.5	.6	.5	.0							2.0	7.5
WNW	.1	.2	.4	.0								.7	6.9
NW	.2	.3	.3	.0								.9	6.1
NNW	.2	.6	1.3	.4								2.6	8.2
VARBL													
CALM												3.6	
	5.3	14.8	33.5	30.5	9.8	2.5	.0					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

2694

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45, 47-72

YEARS

AUG
MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	1.1	.4	.1	.0						2.7	8.2
NNE	.4	1.0	2.0	1.3	.2	.0						5.0	9.2
NE	.4	1.2	1.7	.7	.0							4.0	7.8
ENE	.4	1.1	1.8	.8								4.1	7.8
E	.3	1.4	2.3	.5		.0						4.6	7.7
ESE	.3	1.0	1.8	1.0	.1	.1						4.4	8.9
SE	.6	1.0	2.9	2.6	.7	.2						8.0	10.5
SSE	.3	1.2	4.4	5.5	2.9	1.0	.1					15.4	13.1
S	.6	2.4	6.8	7.2	2.4	.7						20.1	11.5
SSW	.4	1.7	4.4	5.7	1.6	.3	.0					14.1	11.4
SW	.4	.7	2.5	2.8	.3							6.7	10.4
WSW	.3	.8	1.1	.4	.0							2.6	7.6
W	.3	.4	.4	.3								1.5	6.8
WNW	.1	.3	.2	.1								.7	6.4
NW	.2	.3	.4	.3								1.2	7.7
NNW	.3	.6	.7	.4								2.1	7.6
VARBL													
CALM												2.9	
	5.4	15.9	34.7	30.0	8.4	2.4	.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

2686

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45.47-72

YEARS

AUG
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.7	1.2	.6	.1	.0						2.6	8.8
NNE	.2	1.0	1.9	1.2	.2		.0					4.5	9.3
NE	.3	.7	2.0	1.4	.0	.0						4.6	9.1
ENE	.6	1.2	2.1	.6	.1							4.6	7.6
E	.5	1.7	2.8	1.2	.1							6.2	8.0
ESE	.3	1.0	3.4	2.2	.4	.0						7.4	9.9
SE	.3	1.5	4.4	4.4	.8	.1						11.5	10.8
SSE	.1	1.6	4.7	7.0	3.7	1.4	.0					18.5	13.4
S	.7	2.0	6.0	8.5	2.4	.7	.0					20.3	11.8
SSW	.1	1.1	2.2	4.6	1.1	.3						9.4	12.0
SW	.0	.6	1.3	1.2	.2							3.3	10.3
WSW	.1	.5	.6	.4	.1							1.7	8.8
W	.0	.3	.3	.1								.7	7.1
WNW	.1	.1	.1									.3	5.4
NW	.1	.3	.2									.6	5.9
NNW	.0	.3	.9	.5	.1							1.9	10.0
VARBL													
CALM												2.0	
	3.6	14.5	34.0	33.8	9.4	2.6	.1					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

2688

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

42-45.47-72

YEARS

AUG
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.8	.4	.2	.0						2.2	8.9
NNE	.6	1.3	1.9	.5	.1	.0						4.4	7.3
NE	.6	1.2	1.5	.6	.0							4.0	7.4
ENE	.3	1.4	1.4	.3		.0						3.5	6.9
E	.9	1.9	2.5	.8	.0							6.1	7.1
ESE	.8	2.8	4.6	2.9	.1							11.3	8.5
SE	.9	3.8	9.2	6.8	1.0	.0						21.7	9.7
SSE	.7	2.5	7.2	8.0	1.9	.5						20.8	11.2
S	.5	2.6	6.1	4.8	.4	.1						14.6	9.5
SSW	.1	.3	2.1	1.2	.1	.0						3.9	9.9
SW	.1	.3	.6	.3		.0						1.4	8.8
WSW	.1		.3	.1								.6	8.4
W	.1	.1	.1	.0		.0						.5	7.5
WNW	.1	.1	.1	.1		.0						.4	9.7
NW	.1	.1	.3	.0								.5	6.8
NNW	.0	.4	.3	.2	.1							1.0	8.8
VARBL													
CALM												3.0	
	6.0	19.6	39.3	27.1	3.9	.9						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

2692

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-45,47-72

YEARS

AUG
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	.5	.5	.0							2.3	7.4
NNE	.2	.6	1.2	.6	.1							2.7	8.9
NE	.4	1.0	1.4	.5		.0						3.4	7.4
ENE	.3	1.2	1.4	.2	.1							3.1	7.0
E	.7	1.8	2.5	.7	.0							5.7	7.1
ESE	1.1	2.3	4.0	3.0	.2							10.7	8.7
SE	1.0	3.0	6.0	8.2	2.2	.1						20.6	10.9
SSE	.7	3.4	7.4	9.9	2.3	.9	.1					24.7	11.5
S	.4	3.3	8.1	4.2	.4	.1						16.4	9.1
SSW	.3	.3	1.3	.6	.0	.1						2.6	9.0
SW	.1	.1	.6	.2								1.0	8.8
WSW	.1	.0		.1								.2	7.3
W	.1	.0	.1									.3	4.6
WNW	.1	.0	.1	.0								.2	7.0
NW	.1	.3	.2	.1								.7	6.6
NNW	.2	.4	.1	.1								.9	6.3
VARBL													
CALM												4.5	
	6.2	18.8	34.8	29.0	5.5	1.2	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

2694

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

SEP
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.9	2.3	1.2	.1	.1	.0					5.3	8.7
NNE	.4	1.2	1.7	1.6	.2	.0						5.2	9.1
NE	.4	1.2	1.6	.6	.0	.0						3.8	7.7
ENE	.4	1.1	1.6	.6								3.6	7.2
E	.3	1.3	2.2	.6								4.4	7.5
ESE	.7	1.1	2.8	.8	.3	.1						5.8	8.7
SE	.9	2.3	3.0	5.5	1.3	.6	.1					13.8	11.4
SSE	.6	3.0	5.1	7.4	3.3	1.3	.1					20.8	12.4
S	.9	2.6	8.5	8.5	1.4	.4	.1					22.4	10.6
SSW	.3	1.3	.7	1.1	.1	.1						3.7	9.0
SW	.1	.2	.1	.2								.7	6.8
WSW	.3	.4	.1	.1								.9	5.2
W	.1	.0										.1	2.8
WNW	.1	.1	.2	.0	.0							.5	8.1
NW	.3	.5	.2	.2	.0	.0						1.3	7.0
NNW	.3	.6	1.0	.9	.1							2.9	8.9
VARBL													
CALM												4.7	
	7.1	17.9	31.3	29.2	6.9	2.6	.4					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

2692

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.6	2.3	1.3	.2	.0	.1					7.0	8.5
NNE	.5	1.1	1.9	1.1	.1							4.7	8.3
NE	.6	1.0	1.5	.5	.1							3.6	7.3
ENE	.4	.6	1.1	.5	.2	.1						2.8	8.5
E	.4	1.0	1.7	.7	.1	.0						3.9	8.0
ESE	.4	1.0	1.4	.7	.3	.1						3.9	8.8
SE	.6	2.0	2.5	3.7	1.2	.5	.0					10.5	11.2
SSE	.7	3.1	5.3	8.3	2.6	1.0	.1					21.1	11.9
S	1.0	3.0	9.3	8.3	1.0	.1	.0					22.9	10.1
SSW	.5	1.0	1.0	1.3	.3							4.0	9.1
SW	.2	.6	.3	.2	.0	.0						1.3	7.3
WSW	.4	.4	.2		.0							1.0	5.3
W	.1	.3	.4									.8	6.2
WNW	.1	.3	.2	.0	.0							.7	6.5
NW	.2	.6	.7	.3								1.8	7.2
NNW	.4	.8	1.6	.6	.2		.1					3.6	9.0
VARBL													
CALA												6.2	
	7.5	18.3	31.8	27.4	6.4	1.9	.4					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

2695

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

SEP
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.8	2.4	1.3	.3	.1	.1					6.7	8.7
NNE	.5	.9	2.0	1.5	.2	.1						5.3	9.4
NE	.2	1.5	1.7	.6	.1							4.1	7.6
ENE	.3	.7	1.3	.8	.1							3.2	8.7
E	.6	1.0	.9	.9	.0							3.4	7.9
ESE	.3	.9	1.4	1.2	.1	.0						3.9	9.4
SE	.3	1.7	2.5	2.4	1.4	.2	.1					8.6	11.4
SSE	.3	2.4	4.4	6.4	2.9	1.4	.3	.0				18.1	13.0
S	.7	3.7	8.6	9.1	1.5	.6	.1					24.3	10.8
SSW	.3	.7	1.5	2.0	.6	.1						5.3	11.0
SW	.2	.5	.3	.4	.0							1.5	8.0
WSW	.3	.3	.4	.1								1.0	6.3
W	.3	.3	.1	.0								.8	5.2
WNW	.1	.2	.2	.0								.6	5.9
NW	.5	.6	.8	.1	.1							2.2	6.7
NNW	.4	1.2	1.6	.7	.2							4.2	8.5
VARBL													
CALM												7.0	
	6.0	18.4	30.2	27.7	7.6	2.6	.5	.0				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

2695

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

SEP
MONTH

STATION NAME

ALL WEATHER
CLASS

YEARS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	1.9	1.6	.4	.1						6.1	9.3
NNE	.3	1.0	1.8	2.0	.4	.0						5.5	10.0
NE	.2	1.1	2.2	1.2	.1							4.8	8.7
ENE	.4	.9	1.5	.9	.1	.0						3.9	8.8
E	.7	1.1	1.3	.8	.3							4.2	7.9
ESE	.3	.6	1.6	1.4		.1						4.2	10.5
SE	.2	.7	2.0	1.1		.4						5.7	12.4
SSE	.0	1.3	2.9	4.1		2.2	.6					14.0	15.1
S	.3	1.7	5.5	7.9	3.8	1.2	.6					21.0	13.4
SSW	.2	1.3	3.1	5.5	2.5	.8	.1					13.5	13.2
SW	.1	.7	1.5	1.5	.5	.0	.0					4.4	11.0
WSW	.2	.4	.6	.3	.3							1.8	9.5
W	.1	.5	.3	.1								1.1	7.2
WNW	.1	.3	.3	.1								.9	1.5
NW	.1	.6	.4	.1	.0							1.3	1.2
NNW	.4	.9	1.5	.7	.4	.1						4.1	1.2
VARBL													
CALM												3.5	
	4.4	14.5	28.4	29.4	13.4	5.0	1.3					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

2686

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

SEP
MONTH

STATION NAME

ALL WEATHER

CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.4	2.4	2.1	.3	.1						6.9	9.4
NNE	.4	1.0	3.0	2.2	.2	.1						6.9	9.4
NE	.2	1.3	1.9	.9	.0							4.3	8.1
ENE	.4	1.1	1.4	.6	.1	.0						3.7	8.1
E	.5	1.3	1.3	.6	.1	.0						3.9	7.6
ESE	.3	.9	1.7	1.0	.2	.2						4.3	9.6
SE	.4	1.2	1.8	1.6	.9	.3						11.1	11.1
SSE	.3	.8	3.1	4.3	3.3	2.6	.5					2	15.2
S	.5	2.1	5.6	7.6	3.9	.9	.2						12.6
SSW	.3	.6	2.2	5.4	1.8	.7	.0					11.1	13.5
SW	.4	.5	1.3	1.2	.4	.1						3.9	11.0
WSW	.2	.6	.5	.3	.2	.1						1.9	9.7
W	.1	.5	.4	.0	.1							1.2	7.0
WNW	.1	.4	.4	.2								1.1	7.6
NW	.4	.6	1.0	.4								2.4	7.4
NNW	.3	.6	1.0	1.1	.6	.1	.0					3.7	11.2
VARBL													
CALM												2.9	
	5.5	14.9	29.1	29.6	12.2	5.2	.8					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

2696

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS SEP MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	2.4	1.9	.7	.2						6.8	10.4
NNE	.3	1.2	2.3	2.3	.3	.0						6.5	9.5
NE	.4	1.4	2.6	1.3	.0							5.8	8.3
ENE	.3	1.1	2.1	.7	.2	.0						4.4	8.5
E	.6	1.6	2.0	.5								4.7	7.2
ESE	.4	1.3	2.5	1.8	.3	.1	.1					6.6	9.8
SE	.5	1.4	3.0	2.8	1.2	.5						9.4	11.4
SSE	.2	1.3	3.2	5.4	4.2	2.1	.4					16.7	14.8
S	.6	2.1	4.7	7.6	3.7	.9	.0					19.6	12.5
SSW	.1	.6	1.9	2.8	.9	.3						6.6	12.7
SW	.1	.6	.8	.8	.3	.0						2.7	10.2
WSW	.1	.4	.1	.4	.0	.0						1.1	9.3
W	.2	.3	.3		.0							.9	6.1
WNW	.1	.3	.3	.1	.0	.0						.8	8.3
NW	.1	.3	.4	.4		.0						1.3	9.2
NNW	.1	.4	1.5	1.0	.6	.1	.0					3.7	11.1
VARBL													
CALM												2.3	
	4.7	15.4	30.3	29.9	12.5	4.4	.6					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 2695

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

SEP
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.8	1.9	1.3	.3	.1						6.2	8.6
NNE	.4	1.1	2.1	1.2	.3	.1						5.2	9.3
NE	.4	1.6	2.1	1.0								5.1	7.7
ENE	.6	1.6	2.1	.3								4.6	6.8
E	1.0	2.5	2.3	.4	.1							6.3	6.5
ESE	.7	2.5	3.4	2.3	.4	.2						9.5	8.9
SE	.8	3.5	5.6	5.3	1.8	.4						17.4	10.4
SSE	.4	2.4	5.0	6.6	1.9	.6	.0					17.0	11.5
S	.4	3.6	6.0	5.3	.4	.0						15.8	9.6
SSW	.2	.6	.6	.8	.2							2.4	9.5
SW	.0	.3	.3	.3	.1							.9	9.7
WSW	.1	.1	.1									.3	5.4
W	.1	.2	.3	.0								.6	6.2
WNW	.0	.1	.2	.1		.0						.5	9.4
NW	.2	.2	.2	.1	.1							.8	8.2
NNW	.3	.6	1.2	.4	.2	.1						2.9	9.6
VARBL													
CALM												4.5	
	6.3	22.7	33.5	25.4	5.8	1.7	.0					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

SFP
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.5	1.5	1.5	.4	.0						5.7	8.7
NNE	.3	1.3	2.5	.9	.4	.1						5.5	9.2
NE	.6	.9	2.0	.7	.0							4.2	7.8
ENE	.2	1.3	2.0	.3								3.7	7.4
E	.7	1.6	2.9	.5								5.6	7.1
ESE	.7	1.8	3.2	1.7	.5	.2	.1	.0				8.2	9.6
SE	.8	2.8	4.3	6.8	2.1	.7	.1					17.6	11.6
SSE	.5	2.9	5.5	7.4	3.3	1.1	.1	.0				20.9	12.2
S	.6	2.4	6.3	5.7	.8	.1	.0	.0				15.9	10.2
SSW	.2	.7	.4	.6	.3	.0	.1					2.3	10.8
SW	.0	.2	.1	.1								.6	7.6
WSW	.0	.1	.1									.3	6.3
W	.2	.1	.1	.1								.4	5.9
WNW	.1	.1	.3	.1	.0							.7	8.7
NW	.2	.3	.2	.0	.1							.9	6.8
NNW	.2	.3	1.5	.2	.2	.1						2.5	9.3
VARBL													
CALM												5.0	
	6.2	18.1	32.9	26.7	8.0	2.3	.4	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

2696

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-70.72 YEARS UCT MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	2.4	2.2	.1	.0						7.9	8.2
NNE	.4	.6	2.2	1.5	.3	.1						5.1	9.8
NE	.2	.4	1.4	.5								2.5	8.3
ENE	.1	.7	1.1	.4								2.4	7.8
E	.1	.9	.7	.2	.0							2.0	7.2
ESE	.3	.6	.8	.6	.3	.1						2.6	10.3
SE	.4	1.5	1.9	2.4	1.7	.6	.1					8.6	12.4
SSE	.6	1.8	4.5	9.0	4.0	2.2	.4					22.4	13.9
S	1.3	3.4	8.2	8.0	1.7	.4	.1					23.3	10.4
SSW	.4	.6	1.5	.9	.1	.1						3.6	8.8
SW	.4	.2	.4	.1								1.1	6.5
WSW	.1	.4	.4	.0	.0							1.0	6.0
W	.4	.4	.3	.0	.1	.1						1.3	7.0
WNW	.2	.4	.4	.1	.0							1.1	7.1
NW	.1	.7	.6	.3	.1							1.9	8.2
NNW	.6	1.4	2.7	1.3	.2							6.2	8.5
VARBL													
CALM												7.0	
	7.0	15.8	29.5	27.6	8.8	3.7	.6					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 2696

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-70.72

TEARS

OCT
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	i - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.4	2.2	1.9	.6	.0						8.1	8.7
NNE	.3	.7	1.7	1.1	.2		.0					4.0	9.6
NE	.1	.7	1.7	.4								2.9	8.1
ENE	.1	.8	.7	.3								2.0	7.4
E	.3	.8	.6	.1	.0							2.0	6.6
ESE	.2	.5	.9	.4	.1	.1						2.2	9.5
SE	.7	1.0	1.7	2.4	1.3	.2	.1					7.5	11.4
SSE	.4	1.6	3.3	7.5	5.0	1.9	.3					19.9	14.5
S	1.1	3.8	10.0	7.8	1.1	.4	.0					24.1	10.0
SSW	.5	.7	2.0	.9	.3	.1						4.6	9.2
SW	.4	.7	.6	.2		.0						1.9	6.5
WSW	.4	.2	.2	.1								.9	5.3
W	.3	.3	.4	.1								1.0	6.4
WNW	.3	.5	.7	.1								1.5	6.5
NW	.5	1.0	.9	.1	.1							2.6	6.6
NNW	1.0	1.6	2.7	1.7	.4	.1						7.5	8.8
VARBL													
CALM												7.3	
	7.5	17.2	30.3	25.2	9.2	2.9	.4					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

2696

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-70.72

YEARS

0CT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	2.7	2.0	.5	.2	.0					8.5	9.1
NNE	.3	.8	1.7	1.5	.3	.1						4.9	10.3
NE	.3	.7	.6	.7	.1							2.4	8.3
ENE	.3	.5	.7	.4	.0							2.0	7.8
E	.4	.4	.6	.1		.0						1.6	6.8
ESE	.5	.6	1.0	.3	.1	.1						2.6	8.2
SE	.2	1.3	2.2	1.9	1.2	.2	.0					7.1	11.5
SSE	.4	1.4	3.3	7.9	4.1	2.2	.3					19.7	14.4
S	.7	3.0	8.8	8.1	1.9	.8	.0					23.3	10.9
SSW	.3	.9	1.7	1.3	.3	.1						4.8	9.8
SW	.3	.4	.7	.1	.0	.1						1.7	7.9
WSW	.1	.3	.4	.1								.9	6.6
W	.3	.3	.2	.0								.8	5.3
WNW	.5	.6	.4	.1	.1							1.8	6.3
NW	.7	1.0	1.2	.3	.2							3.5	7.1
NNW	1.0	2.0	2.7	1.6	.7							8.1	8.6
VARBL													
CALM												6.4	
	7.3	16.6	29.2	26.5	9.6	3.9	.4					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

2691

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-70.72 YEARS OCT MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	2.1	2.5	.7	.3						7.6	10.5
NNE	.2	1.1	2.0	2.6	.5	.3						6.7	11.3
NE	.3	.8	1.1	.7	.3	.1						3.4	9.4
ENE	.1	.7	.6	.4	.1							1.9	8.4
E	.2	.6	1.3	.3								2.4	7.4
ESE	.3	.4	1.2	.4	.1	.1						2.6	9.3
SE	.3	.7	1.4	1.3	.4	.3						4.4	11.3
SSE	.1	.9	2.0	4.5	3.3	3.2	.7	.1				14.8	16.7
S	.6	1.2	5.3	8.1	3.9	3.2	.5	.1				22.8	14.4
SSW	.2	.6	2.8	4.6	1.6	.7						10.4	13.0
SW	.2	.3	1.2	1.3	.3	.1						3.5	11.2
WSW	.4	.4	1.2	.4	.1							2.6	8.2
W	.4	.7	.7	.1		.0						1.9	6.2
WNW	.2	.3	.3	.4								1.2	8.3
NW	.4	.9	.9	.5	.3	.0						3.0	8.3
NNW	.6	1.2	2.3	1.8	.8	.1	.0					6.8	10.2
VARBL													
CALM												4.0	
	4.8	12.6	26.3	29.8	12.5	8.4	1.3	.2				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 2694

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-70.72 YEARS

MCY MONTH

1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.1	2.8	3.2	.8	.1	.0	.0				8.7	10.7
NNE	.4	1.1	2.7	2.0	.8	.1	.0					7.1	10.5
NE	.4	.4	1.2	.7	.3	.1						3.1	9.4
ENE	.2	.5	.9	.4	.1							2.1	8.5
E	.3	.6	.6	.1	.2							1.7	7.7
ESE	.1	.4	.8	.3	.1	.1						1.8	9.0
SE	.1	1.0	1.2	.7	.6	.3	.1					3.9	11.6
SSE	.4	1.2	1.7	3.7	2.7	3.3	.9	.0				13.9	16.6
S	.2	1.4	4.3	9.2	4.2	2.1	.7	.1				22.3	14.5
SSW	.3	.8	2.6	4.6	1.3	.9	.1					10.6	12.9
SW	.4	.5	1.3	1.6	.4	.2						4.4	10.8
WSW	.3	1.0	1.1	.5	.1	.1						3.0	8.3
W	.2	.8	.9	.3	.1							2.3	7.3
WNW	.1	.4	.5	.1	.2							1.4	9.2
NW	.1	.7	.8	.6	.1							2.4	8.8
NNW	.4	1.2	2.0	2.1	.9	.6	.1					7.2	11.7
VARB													
CALM												4.0	
	5.0	13.0	25.3	30.2	12.8	7.8	1.9	.1				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 2692

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-70.72

YEARS

OCT
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.6	3.3	4.0	.6	.3	.1	.0				10.7	10.5
NNE	.4	1.6	2.5	1.8	.6	.2						7.1	10.0
NE	.1	.9	1.2	.5	.1	.0						2.8	8.4
ENE	.4	.9	.6	.4	.0							2.3	6.9
E	.2	.5	.7	.2	.1							1.7	7.8
ESE	.3	.8	1.1	.4	.1	.1						2.9	8.6
SE	.4	1.0	1.7	1.5	.6	.4	.1					5.8	11.4
SSE	.3	1.1	3.3	4.1	4.2	3.1	.5					16.5	15.5
S	.6	1.9	5.8	8.4	3.1	1.4	.3	.1				21.6	13.0
SSW	.4	1.1	2.6	2.5	1.3	.5	.0					8.5	11.9
SW	.3	.7	.8	.8	.1							2.7	8.7
WSW	.1	.4	.6	.2	.1	.1						1.7	8.8
W	.3	.5	.4	.1	.1	.0						1.6	7.3
WNW	.1	.2	.5	.2	.2	.1						1.3	10.7
NW	.3	.7	.7	.5	.1	.0						2.3	8.9
NNW	.1	1.2	2.2	2.5	.6	.4						7.1	11.3
VARBL													
CALM												3.5	
	5.2	15.0	28.1	28.2	12.0	6.7	1.0	.2				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

2689

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

NOV

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.8	3.2	2.4	.7	.0	.1					10.2	9.0
NNE	.5	1.2	2.5	.9	.3	.3						5.7	9.0
NE	.4	.9	1.3	.2								2.7	6.6
ENE	.5	1.5	1.2	.3	.0							3.6	6.4
E	.9	.7	.8	.1								2.6	5.6
ESE	.6	.9	1.4	.7	.3	.1						4.0	8.5
SE	.6	2.3	4.5	3.0	1.8	.6						12.7	10.9
SSE	.6	2.9	5.5	7.5	3.3	1.2	.2	.0				21.2	12.4
S	.7	3.7	6.7	5.2	1.1	.2	.1					17.7	9.7
SSW	.3	.7	.9	.6	.1	.0	.0					2.6	8.9
SW	.3	.3	.1	.1	.0							.8	6.4
WSW	.2	.2	.0									.4	4.2
W	.2	.2	.2	.1								.6	6.2
WNW	.1	.2	.2	.2	.0							.7	8.6
NW	.3	.5	.2	.3	.1	.1						1.6	8.4
NNW	.7	1.4	1.6	1.2	.5	.2						5.7	9.4
VARBL													
CALM												7.2	
	7.7	20.4	30.5	22.8	8.3	2.6	.4	.0				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

2694

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

UCT
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.4	2.8	2.2	.4	.0						8.3	8.7
NNE	.3	1.4	2.7	1.3	.4	.0						6.2	8.9
NE	.3	.7	1.1	.5	.1							2.7	8.0
ENE	.5	.7	1.2	.3								2.6	6.7
E	.7	1.3	.7	.2								2.9	5.6
ESE	.5	.8	1.3	.7	.3	.2						3.7	9.6
SE	.6	1.7	3.2	3.9	2.3	.8						12.5	12.0
SSE	.2	1.9	4.9	8.2	3.9	1.6	.6	.1				21.3	14.0
S	1.3	3.4	6.8	6.5	1.6	.5	.1	.0				20.3	10.3
SSW	.4	.5	1.2	.5	.2	.0	.0					2.9	8.9
SW	.1	.3	.1	.0	.1							.7	7.4
WSW	.0	.4	.1									.6	5.1
W	.2	.5	.3	.1								1.1	5.8
WNW	.1	.2	.5	.1								1.0	7.2
NW	.3	.6	.6	.3	.1							1.9	7.8
NNW	.5	1.3	1.7	1.3	.4	.1						5.3	9.3
VARBL													
CALM												6.2	
	6.6	18.2	29.3	26.0	9.6	3.3	.7	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

2697

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS NOV NORTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.2	3.9	2.3	.7	.3	.0					10.3	9.5
NNE	.3	1.4	2.0	1.6	.7	.0						6.0	10.1
NE	.2	.6	1.4	.2								2.4	7.7
ENE	.2	.9	1.1	.2								2.5	7.0
E	.3	.9	.7	.3	.1							2.1	7.1
ESE	.4	.8	1.2	.6	.1	.0						3.1	8.5
SE	.4	1.1	1.5	1.0	.6	.4	.1					5.2	11.4
SSE	.3	1.2	2.4	4.2	2.9	2.1	.6	.1				13.8	15.3
S	.9	3.0	6.1	9.1	2.1	.5	.2					21.9	11.5
SSW	.4	1.0	1.8	.7	.3	.3						4.5	9.7
SW	.3	.8	.7	.2		.0						2.1	6.8
WSW	.2	.6	.7	.1	.0	.1						1.7	7.6
W	.4	.6	.8	.1								1.9	6.6
WNW	.3	.5	1.2	.2	.0	.1	.0					2.5	8.2
NW	.4	1.2	1.5	.4	.4	.1						4.0	8.7
NNW	.4	1.1	3.4	3.2	1.0	.4						9.3	11.1
VARBL													
CALM												6.7	
	6.1	17.8	30.3	24.6	9.0	4.4	1.0	.1				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

2686

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-72 YEARS NOV NORTH
0300-0500 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.9	3.5	2.9	1.2	.3						10.7	10.1
NNE	.2	1.0	2.1	1.6	.6							5.5	10.0
NE	.1	.5	.5	.3	.0							1.5	8.1
ENE	.0	.6	1.2	.4		.0						2.3	8.3
E	.4	.7	1.2	.4		.1						2.8	7.8
ESE	.3	.8	.8	.6	.1							2.6	8.7
SE	.4	.9	1.5	1.2	.7	.4						5.0	11.1
SSE	.1	1.0	1.5	3.7	2.5	2.0	.5					11.3	15.7
S	.6	2.7	6.8	9.5	2.2	.8	.3	.0				23.0	11.7
SSW	.4	1.2	1.7	1.4	.6	.1						5.5	9.9
SW	.2	.7	.7	.1	.0							1.7	6.7
WSW	.4	.7	.9	.2	.1	.0						2.3	7.6
W	.4	.7	1.0	.1								2.3	6.7
WNW	.2	.7	.9	.3	.0	.1						2.2	8.4
NW	.4	1.4	1.0	.6	.4	.0						3.9	8.8
NNW	.9	1.7	3.9	2.9	1.5	.3						11.2	10.4
VARBL													
CALM												6.1	
	6.0	17.3	29.3	26.3	10.1	4.1	.8	.0				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

2689

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

NOV
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.6	4.1	2.9	1.0	.4						11.9	9.8
NNE	.1	1.0	2.0	1.2	.3	.0						4.7	9.7
NE	.1	1.0	.8	.6	.1							2.6	8.2
ENE	.2	.7	.9	.5	.0	.0						2.3	8.2
E	.3	.6	.9	.2								2.0	7.0
ESE	.6	.4	1.0	.5	.3	.1						2.9	8.7
SE	.1	.6	1.7	1.2	.6	.4	.1					4.8	12.2
SSE	.3	1.0	1.9	3.5	2.8	1.7	.3	.0				11.6	14.9
S	.7	2.2	6.4	8.6	2.3	.8	.2					21.3	11.9
SSW	.4	1.1	2.1	1.9	.6	.1	.0					6.3	10.5
SW	.2	.7	.9	.1	.1							2.0	7.4
WSW	.0	.5	1.0	.3	.0	.0						1.9	8.5
W	.2	.6	.7	.1			.0					1.7	7.6
WNW	.3	.7	.7	.4	.0	.1						2.3	8.8
NW	.7	1.3	1.6	1.0	.3	.0						4.8	8.4
NNW	.5	1.9	4.0	3.4	1.3	.3	.1					11.4	10.6
VARBL													
CALM												5.4	
	5.8	17.0	30.6	26.5	9.8	4.1	.8	.0				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

2686

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

NNV
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.5	3.4	4.3	1.7	.3						12.1	11.2
NNE	.3	1.4	2.7	1.9	.8	.3						7.3	10.5
NE	.3	.9	.9	.7	.0							2.9	8.3
ENE	.0	.4	.9	.4	.1							1.8	8.8
E	.2	.9	.7	.4	.1							2.3	7.9
ESE		.6	1.3	.7	.3	.1						2.9	10.4
SE	.3	.9	1.3	.5	.7	.2	.3					4.2	11.7
SSE	.1	.6	1.3	2.2	2.2	2.2	.6	.1				9.2	17.4
S	.2	.9	3.7	7.9	3.4	1.9	.6					18.5	14.6
SSW	.1	1.0	2.0	3.6	1.6	1.2	.2	.0				9.8	13.9
SW	.2	.4	1.3	1.2	.4	.1						3.6	10.4
WSW	.4	.7	1.0	.9	.3	.1						3.4	9.4
W	.5	.7	.6	.5	.0	.0						2.4	7.6
WNW	.2	.4	.7	.3	.3	.1	.1					2.2	11.3
NW	.2	.9	1.1	1.0	.2							3.4	9.2
NNW	.6	1.1	3.3	3.5	2.0	.6	.1					11.2	12.3
VARBL													
CALM												2.9	
	4.4	13.2	26.2	30.1	14.1	7.0	1.9	.1				100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

NDV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	3.0	3.5	1.8	.4						10.1	12.2
NNE	.2	1.0	2.5	1.4	.7	.3						6.2	10.6
NE	.3	.6	1.1	.7	.0							2.7	8.3
ENE	.2	.5	.9	.2	.0							1.9	7.5
E	.4	.7	.7	.3	.1	.0						2.3	7.5
ESE	.1	.4	.8	.4	.2		.0					1.9	10.5
SE	.1	.7	1.1	.7	.3	.1	.2					3.3	11.8
SSE	.1	.6	1.1	1.9	1.7	1.9	.8	.1				8.3	17.7
S	.1	.6	2.9	7.6	3.4	1.5	.7	.1				16.8	15.1
SSW	.3	.7	1.8	4.2	3.2	1.5	.3					11.9	15.2
SW	.2	.6	1.2	1.8	.7	.2						4.7	12.0
WSW	.2	.8	1.6	1.0	.3	.1						4.0	9.8
W	.3	.7	1.0	.3	.1	.1						2.6	8.3
WNW	.2	.7	1.3	.3	.3	.2	.0					3.0	10.0
NW	.4	.7	1.6	1.2	.6	.1						4.6	10.4
NNW	.2	1.2	3.7	5.0	2.0	.6	.1					12.8	12.5
VARBL													
CALM												3.0	
	3.7	11.5	26.3	30.6	15.4	7.1	2.2	.2				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS

2690

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

43-72

YEARS

NOV
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.3	3.6	3.8	1.8	.1						11.1	11.3
NNE	.2	1.0	1.5	1.7	.7							5.2	10.6
NE	.1	.5	.9	.6	.1							2.3	8.8
ENE	.3	.4	.7	.3								1.7	7.0
E	.3	.9	.8	.4		.0						2.4	7.3
ESE	.0	.7	1.2	.5	.1	.1		.0				2.6	10.0
SE	.3	.4	1.2	.7	.4	.2	.0					3.3	11.3
SSE	.2	.6	2.3	2.8	2.3	1.9	.8	.1				10.9	16.2
S	.2	1.4	4.2	8.4	2.6	1.2	.3					18.3	13.4
SSW	.4	1.0	2.6	2.4	1.7	.6						8.7	12.4
SW	.3	.8	1.5	1.7	.3	.1						4.6	10.3
WSW	.4	.4	1.1	1.0	.3	.1						3.2	10.0
W	.5	.7	.8	.2	.1							2.3	6.7
WNW	.4	1.0	.8	.2	.1	.1	.1					2.6	8.2
NW	.5	.9	1.4	1.2	.5	.1	.0					4.6	10.3
NNW	.7	2.0	4.5	4.3	1.5	.4						13.4	11.0
VARIABLE													
CALM												2.5	
	5.3	14.0	29.1	30.2	12.5	4.9	1.3	.1				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

2694

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS NOV NORTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.9	4.8	3.2	.7	.2						12.6	9.4
NNE	.3	1.2	1.9	1.2	.3							4.8	8.9
NE	.3	.5	.8	.4								2.0	7.4
ENE	.3	1.0	1.1	.0								2.5	6.3
E	.4	1.2	.7	.3								2.6	6.3
ESE	.7	.5	1.4	.8	.1							3.5	8.2
SE	.5	1.2	2.3	1.5	.6	.4	.1					6.6	10.8
SSE	.4	1.6	3.9	4.8	2.0	2.0	.6					15.3	13.9
S	.7	2.9	5.6	6.4	1.3	.3						17.3	10.5
SSW	.3	1.8	1.9	.9	.0							4.9	7.9
SW	.2	.6	.5	.3	.0							1.7	7.2
WSW	.1	.4	.6	.1	.1							1.4	8.1
W	.6	.7	.4	.2	.1							2.0	6.9
WNW	.4	.5	.4	.1	.2	.0						1.7	7.6
NW	.6	1.1	.9	.6	.1	.1	.1					3.7	9.1
NNW	.9	1.7	3.9	3.2	.4	.2	.0					10.4	9.7
VARBL													
CALM												7.3	
	7.6	19.8	31.2	23.9	6.1	3.2	.9					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

NOV
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.9	4.4	2.8	.4	.2						10.5	9.6
NNE	.3	1.3	2.4	1.5	.6	.1						6.2	9.8
NE	.1	.9	1.0	.2								2.2	7.1
ENE	.3	.5	.7	.1								1.7	6.7
E	.3	1.5	1.2	.3	.1							3.5	7.1
ESE	.4	.7	1.3	1.0	.1							3.6	8.8
SE	.3	1.4	1.6	1.3	.9	.5	.1					6.1	11.4
SSE	.4	1.3	3.5	5.1	2.8	2.3	1.0	.0				16.4	15.0
S	.9	2.3	5.7	8.5	1.6	.4						19.3	11.2
SSW	.3	1.0	1.5	.9	.2	.1						4.0	9.3
SW	.1	.7	.4	.1								1.5	6.6
WSW	.4	.4	.3	.1	.1							1.3	7.1
W	.5	.5	.6	.1	.0	.0						1.7	6.7
WNW	.3	.6	.6	.1	.0	.1	.0					1.7	8.7
NW	.6	1.3	1.2	1.0	.1	.2	.1					4.4	9.1
NNW	.6	1.6	3.6	2.2	.5	.3						8.8	9.8
VARBL													
CALM												6.8	
	6.7	10.0	30.0	25.5	7.5	4.2	1.0	.0				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

2688

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

42-72

YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	3.5	4.1	1.3	.4	.0					12.7	10.5
NNE	.3	1.8	2.8	2.1	.5	.1	.0					7.7	9.7
NE	.3	.7	.9	.4	.1							2.4	8.0
ENE	.4	.8	.8	.2								2.2	6.6
E	.3	1.1	.8	.1								2.3	6.0
ESE	.4	.8	.9	.3	.1							2.5	7.1
SE	.2	.8	1.5	1.1	.6	.2	.0	.0				4.6	11.2
SSE	.4	1.1	2.0	3.3	2.9	2.5	.4	.0				12.6	15.5
S	.7	2.3	6.6	5.9	2.8	1.4	.2					19.8	12.0
SSW	.7	1.4	2.0	1.5	.2	.2						6.1	8.9
SW	.3	.4	.6	.3		.1						1.7	8.0
WSW	.1	.2	.9	.2	.1	.0						1.5	9.1
W	.6	.8	.7	.4		.0						2.6	7.0
WNW	.4	.4	.8	.3	.0							1.8	7.6
NW	.4	1.1	1.2	.9	.3	.1						4.0	9.5
NNW	.5	1.6	3.4	2.8	.7	.1						9.0	10.2
VARBL													
CALM												6.3	
	7.0	17.7	29.3	24.0	9.6	5.3	.6	.1				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

2830

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

42-72

YEARS

DEC
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.7	3.6	4.9	1.2	.3						13.5	10.5
NNE	.2	1.6	1.9	2.2	.4	.2						6.5	10.3
NE	.4	.7	1.2	.5	.0							2.8	7.6
ENE	.4	1.1	.7	.2								2.4	6.4
E	.2	.8	.7	.1								1.9	6.5
ESE	.2	.7	1.0	.6	.1	.0						2.7	8.6
SE	.2	1.1	1.2	.9	.5	.5	.1	.0				4.6	12.0
SSE	.3	1.0	1.6	4.0	2.0	1.6	.4					10.7	14.9
S	1.1	2.5	5.1	7.1	3.1	1.0	.2					20.3	12.0
SSW	.7	.9	2.0	1.4	.7	.1						5.9	9.9
SW	.3	.6	.4	.2	.1							1.7	7.3
WSW	.1	.5	.8	.4	.1		.0					1.9	8.7
W	.3	.6	1.0	.3	.0							2.2	7.3
WNW	.6	.8	.7	.6	.0	.1						2.9	7.7
NW	.3	.7	1.0	1.0	.3	.2						3.6	10.2
NNW	.6	1.2	3.7	3.4	1.1	.4	.0					10.4	11.2
VARBL													
CALM												6.3	
	6.8	17.2	26.7	28.0	9.8	4.4	.7	.0				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

2830

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

42-72

YEARS

DEC
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.4	3.5	4.7	1.1	.4						12.7	10.6
NNE	.4	1.6	2.4	1.7	.5	.1	.0					6.6	9.5
NE	.2	.6	.9	.6								2.4	7.9
ENE	.3	.7	.9	.4	.0							2.3	7.5
E	.5	1.0	.6	.3								2.3	6.1
ESE	.1	.6	.7	.5	.1							2.0	8.3
SE	.2	1.0	1.1	.7	.7	.5	.1	.0				4.3	12.2
SSE	.3	1.0	2.3	3.5	2.4	1.7	.3	.1				11.5	15.0
S	1.0	2.3	5.3	6.5	2.6	1.0	.1					18.7	11.9
SSW	.6	1.2	1.8	1.7	.6	.3						6.2	10.2
SW	.2	.6	.4	.4	.0							1.7	7.7
WSW	.1	.6	1.0	.2		.0						1.4	7.8
W	.4	1.0	.8	.3								2.5	6.7
WNW	.2	.7	.8	.5	.1	.1						2.5	8.6
NW	.3	1.0	1.8	1.0	.3	.1						4.5	9.3
NNW	.2	1.7	4.8	3.9	1.0	.7	.0					12.3	11.2
VARBL													
CALM												5.4	
	5.9	18.0	29.1	26.8	9.4	4.8	.5	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

2829

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

42-72

YEARS

DEC
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.5	3.6	4.2	1.3	.6	.0					12.7	11.0
NNE	.4	1.2	2.6	2.4	.6	.3	.0					7.5	10.8
NE	.5	.4	1.2	.7	.0							2.9	8.1
ENE	.1	.7	.7	.5	.0							2.1	8.4
E	.1	.8	.7	.4								2.0	7.5
ESE	.2	.7	.8	.4	.2							2.3	9.0
SE	.1	.8	1.4	.8	.4	.3	.0	.0				3.9	11.3
SSE	.4	.8	1.5	2.5	2.3	2.2	.7	.1				10.5	16.6
S	.5	1.7	3.8	6.1	3.3	1.7	.7					17.9	14.0
SSW	.5	.8	2.2	3.4	1.2	.6	.1					8.8	12.3
SW	.1	.3	.4	.8	.2	.1						1.9	11.2
WSW	.4	.8	.7	.8	.1	.2						2.9	9.0
W	.2	.5	.8	.3			.0					1.9	7.9
WNW	.4	.5	.8	.6	.1	.1						2.4	9.1
NW	.2	.7	1.5	1.2	.5	.2						4.3	11.0
NNW	.3	1.4	4.0	4.7	1.7	.8	.1					13.0	12.3
VARBL													
CALM												3.1	
	5.0	14.6	26.7	29.8	11.9	7.0	1.7	.1				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

2840

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919

STATION

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

42-72

YEARS

DEC

MONTH

1200-1400

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.2	2.9	5.0	1.8	.6	.1					12.1	12.2
NNE	.5	.7	2.2	1.9	.4	.1						5.8	10.2
NE	.4	.8	1.0	.7	.1							2.9	8.0
ENE	.2	.6	.7	.4		.0						2.0	7.8
E	.3	.6	.6	.2								1.7	6.6
ESE	.2	.7	.5	.2	.0	.0						1.7	7.1
SE	.2	.6	.6	.6	.4	.2	.0	.1				2.8	12.1
SSE	.2	.7	1.2	2.2	1.9	1.9	.7	.2				9.1	17.2
S	.3	1.3	2.9	5.5	3.4	2.2	.6					16.2	14.9
SSW	.2	.8	1.7	4.3	1.9	1.0	.3	.0				10.3	14.4
SW	.4	.9	.8	1.6	.3	.1	.0					4.1	10.4
WSW	.5	.8	1.2	1.0	.1	.2	.0					3.8	9.9
W	.2	.5	.5	.4		.1	.0					1.7	9.4
WNW	.2	.5	1.1	.7	.2	.0						2.7	9.5
NW	.3	1.0	1.8	1.7	.7	.2						5.7	11.1
NNW	.4	1.4	4.3	5.3	2.2	.7	.1					14.4	12.4
VARBL													
CALM												2.8	
	5.3	13.2	23.9	31.7	13.4	7.4	2.0	.3				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

2833

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS DEC NORTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	3.8	4.6	1.8	.4						12.6	11.5
NNE	.5	1.0	2.4	2.4	.5	.1						6.8	10.3
NE	.2	.8	1.0	.7	.0							2.7	8.5
ENE	.2	.8	1.0	.4								2.4	7.6
E	.5	.6	.8	.2								2.1	6.1
ESE	.2	.5	.8	.1	.1							1.7	7.7
SE	.2	.8	1.1	.7	.2	.3	.0	.1				3.5	11.1
SSE	.3	.8	1.9	2.7	2.2	1.9	.6	.0				10.5	15.6
S	.5	1.7	4.1	6.6	2.6	1.0	.4	.0				16.9	13.0
SSW	.6	1.5	2.2	3.9	1.0	.5	.1					9.7	11.6
SW	.4	.6	.9	.7	.2	.1	.0					2.9	9.8
WSW	.2	.7	.8	.3	.3	.1	.1					2.5	9.5
W	.4	.6	.5	.4	.1	.0						2.0	7.8
WNW	.2	.5	.5	.3	.1	.1						1.7	8.4
NW	.5	.9	1.5	1.2	.5	.0						4.6	9.5
NNW	.5	1.4	4.1	5.6	1.8	.7	.0					14.1	12.0
VARBL													
CALM												3.4	
	6.0	14.7	27.4	30.7	11.4	5.1	1.3	.1				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

2837

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 42-72 YEARS DEC MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	4.3	3.1	1.3	.9	.0					12.7	10.8
NNE	.3	1.6	2.7	1.8	.4	.1						6.8	9.5
NE	.6	.7	1.4	.5	.1							3.4	7.5
ENE	.4	.8	.8	.1	.0							2.2	6.5
E	.8	.5	.7	.1								2.2	5.6
ESE	.6	.9	1.5	.2		.0						3.2	6.9
SE	.6	1.5	1.7	1.6	.5	.6	.1					6.6	10.9
SSE	.4	1.7	2.6	3.1	3.2	1.8	.5	.0				13.3	14.5
S	.7	3.9	4.9	5.5	1.7	.8	.1					17.7	10.8
SSW	.3	1.5	1.7	1.3	.2	.1						5.1	8.8
SW	.3	1.1	.3	.1								1.8	5.4
WSW	.4	.4	.5	.1								1.4	5.8
W	.3	.4	.4	.1	.1	.1						1.5	8.8
WNW	.2	.6	.5	.2	.1	.1	.0					1.6	8.1
NW	.7	1.2	1.2	.5	.3							4.0	7.5
NNW	.7	1.4	3.5	2.8	1.2	.5						10.2	11.1
VARBL													
CALM												6.6	
	8.2	20.5	28.7	21.3	9.0	4.9	.8	.0				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

2820

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/DKLAHOMA CITY 42-72 YEARS DEC
NORTH
2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.5	3.6	3.6	1.3	.5	.0					12.6	10.6
NNE	.4	1.7	2.9	1.8	.7	.1						7.6	9.7
NE	.2	.7	1.2	.5	.2							2.8	8.5
ENE	.4	.8	.5	.2	.0							2.0	6.5
E	.5	.7	.9	.4								2.5	6.7
ESE	.5	.6	.7	.3								2.1	6.8
SE	.5	1.4	2.2	1.2	.6	.5	.1					6.4	10.9
SSE	.2	1.2	3.0	3.4	2.5	2.9	.7	.1				14.1	15.8
S	1.0	2.8	5.8	6.6	2.1	1.0	.2					19.4	11.4
SSW	.6	1.2	1.9	1.3	.1	.0						5.2	8.4
SW	.3	.5	.5	.2	.0	.1						1.7	7.7
WSW	.1	.4	.4	.1								1.1	6.8
W	.3	.6	.6	.5	.0							2.1	7.7
WNW	.3	.5	.6	.2	.1	.0						1.7	7.8
NW	.5	.7	1.1	.9	.1	.1						3.4	9.0
NNW	.4	1.2	2.8	2.6	1.0	.3	.1					8.3	11.2
VARBL													
CALM												7.1	
	7.2	17.6	28.7	23.9	8.8	5.6	1.1	.1				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

2824

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS ALL NORTH
INSTRUMENT CLASS ALL HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	4.9	6.8	2.2	.8	.1	.0				16.8	12.3
NNE	.4	1.3	3.9	3.7	1.0	.3	.0					10.7	11.1
NE	.3	1.1	2.1	1.2	.2	.0	.0					4.9	9.0
ENE	.3	.9	1.6	.7	.1	.0						3.6	3.3
E	.4	1.0	1.3	.7	.1	.0						3.6	8.1
ESE	.3	.8	1.5	1.1	.5	.2	.0	.0				4.4	10.6
SE	.3	1.0	1.8	1.5	1.0	.7	.1	.0	.0			6.4	12.5
SSE	.2	.9	2.1	3.0	2.6	2.3	.7	.1				11.8	16.3
S	.3	1.2	2.8	5.2	1.7	.8	.2	.0				12.2	12.9
SSW	.2	.6	.8	1.1	.3	.1	.0	.0				3.2	11.2
SW	.1	.3	.3	.2	.1	.0	.0	.0	.0			1.0	9.3
WSW	.1	.3	.3	.2	.0	.0	.0	.0				.9	9.1
W	.1	.2	.3	.1	.1	.0	.0	.0				.9	9.3
WNW	.1	.2	.3	.3	.1	.1	.0	.0				1.2	11.5
NW	.1	.4	.6	.9	.4	.2	.0	.0				2.7	12.1
NNW	.3	.9	3.1	4.6	2.4	.9	.1					12.3	13.4
VARBL													
CALM												3.2	
	4.1	12.7	27.6	31.4	12.8	6.6	1.5	.1		.0		100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 25513

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 1800													
≥ 1500					91.0								92.6
≥ 1200													
≥ 1000													
≥ 900													
≥ 800													
≥ 700													
≥ 600													
≥ 500									97.4				98.1
≥ 400													
≥ 300													
≥ 200													
≥ 100					95.4		96.9			98.3			
0													100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of > 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

42-72

STATION NAME

YEARS

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼
NO CEILING	58.1	60.5	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1
≥ 20000	65.5	68.3	68.5	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0
≥ 18000	65.6	68.5	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2
≥ 16000	65.9	68.7	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.5
≥ 14000	66.9	69.8	70.0	70.1	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.5
≥ 12000	68.6	71.6	71.9	72.0	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.4
≥ 10000	70.7	74.0	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥ 9000	71.3	74.7	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.5
≥ 8000	72.5	76.0	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.9
≥ 7000	73.3	77.0	77.3	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.9
≥ 6000	74.0	77.9	78.2	78.4	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.8
≥ 5000	75.2	79.2	79.5	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.2
≥ 4500	75.7	79.9	80.2	80.4	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.8	80.8
≥ 4000	76.5	80.9	81.2	81.4	81.5	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.9
≥ 3500	77.2	81.6	82.0	82.2	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.6	82.7
≥ 3000	78.3	82.9	83.3	83.5	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	84.0
≥ 2500	79.2	84.2	84.5	84.8	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.3	85.3
≥ 2000	80.5	85.7	86.1	86.4	86.6	86.6	86.8	86.8	86.9	86.9	86.9	86.9	87.0
≥ 1800	80.9	86.3	86.7	87.0	87.1	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.6
≥ 1500	81.8	87.6	88.0	88.3	88.5	88.6	88.7	88.8	88.8	88.8	88.9	88.9	89.0
≥ 1200	82.8	89.0	89.5	89.8	90.1	90.1	90.3	90.3	90.4	90.4	90.4	90.5	90.6
≥ 1000	83.4	90.0	90.6	91.0	91.3	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.8
≥ 900	83.6	90.5	91.1	91.5	91.8	91.9	92.1	92.2	92.3	92.3	92.3	92.4	92.4
≥ 800	83.9	91.2	91.8	92.3	92.6	92.7	92.9	93.0	93.1	93.1	93.1	93.2	93.3
≥ 700	84.1	91.7	92.4	92.9	93.2	93.3	93.6	93.7	93.7	93.8	93.9	93.9	94.0
≥ 600	84.3	92.2	93.0	93.5	94.0	94.1	94.4	94.5	94.5	94.6	94.7	94.8	94.8
≥ 500	84.4	92.6	93.5	94.1	94.7	94.8	95.2	95.4	95.4	95.6	95.7	95.7	95.8
≥ 400	84.5	93.0	94.0	94.7	95.4	95.6	96.1	96.4	96.4	96.6	96.7	96.8	96.9
≥ 300	84.6	93.2	94.2	95.1	95.9	96.1	96.7	97.1	97.2	97.5	97.7	97.8	97.9
≥ 200	84.6	93.2	94.3	95.3	96.1	96.3	97.1	97.5	97.7	98.1	98.3	98.5	98.6
≥ 100	84.6	93.2	94.4	95.3	96.2	96.4	97.1	97.6	97.8	98.3	98.6	98.9	99.0
≥ 0	84.5	93.2	94.4	95.3	96.2	96.4	97.1	97.6	97.8	98.3	98.6	99.0	99.4

TOTAL NUMBER OF OBSERVATIONS

255861

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

JAN

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	52.1	54.8	55.0	55.2	55.2	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.7
≥ 20000	59.3	62.5	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.4	63.6
≥ 18000	59.5	62.7	63.0	63.2	63.2	63.3	63.4	63.4	63.4	63.5	63.5	63.6	63.8
≥ 16000	59.7	62.9	63.2	63.4	63.5	63.5	63.6	63.7	63.7	63.7	63.8	63.8	64.0
≥ 14000	60.9	64.1	64.4	64.6	64.7	64.7	64.8	64.9	64.9	64.9	65.0	65.0	65.2
≥ 12000	62.5	65.9	66.2	66.4	66.5	66.6	66.7	66.7	66.7	66.8	66.8	66.8	67.1
≥ 10000	63.9	67.5	67.8	68.0	68.1	68.2	68.3	68.3	68.3	68.4	68.4	68.5	68.7
≥ 9000	64.7	68.3	68.6	68.8	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.3	69.5
≥ 8000	65.6	69.4	69.7	69.9	70.0	70.1	70.2	70.2	70.2	70.3	70.3	70.4	70.6
≥ 7000	66.3	70.2	70.6	70.8	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.5
≥ 6000	66.8	70.8	71.1	71.3	71.5	71.5	71.6	71.7	71.7	71.8	71.8	71.8	72.1
≥ 5000	67.5	71.6	72.0	72.2	72.3	72.4	72.5	72.6	72.6	72.7	72.7	72.7	73.0
≥ 4500	67.9	72.1	72.5	72.7	72.9	72.9	73.0	73.1	73.1	73.2	73.2	73.3	73.5
≥ 4000	68.3	72.6	73.0	73.2	73.4	73.4	73.6	73.6	73.7	73.7	73.8	73.8	74.0
≥ 3500	68.6	73.0	73.4	73.6	73.8	73.8	74.0	74.1	74.1	74.1	74.2	74.2	74.4
≥ 3000	69.2	73.7	74.1	74.4	74.5	74.6	74.7	74.8	74.8	74.9	74.9	75.0	75.2
≥ 2500	69.9	74.7	75.1	75.4	75.6	75.6	75.8	75.9	75.9	75.9	76.0	76.0	76.3
≥ 2000	71.1	76.3	76.8	77.1	77.4	77.4	77.6	77.7	77.7	77.8	77.8	77.9	78.1
≥ 1800	71.5	76.9	77.3	77.8	78.0	78.1	78.3	78.4	78.4	78.5	78.5	78.6	78.8
≥ 1500	72.6	78.5	79.1	79.5	79.7	79.8	80.0	80.1	80.2	80.3	80.3	80.4	80.6
≥ 1200	73.6	80.1	80.8	81.2	81.6	81.6	81.9	82.1	82.1	82.3	82.3	82.4	82.6
≥ 1000	74.3	81.4	82.2	82.7	83.1	83.2	83.6	83.8	83.8	84.0	84.1	84.1	84.4
≥ 900	74.6	82.0	82.9	83.4	83.9	84.0	84.3	84.6	84.6	84.8	85.0	85.0	85.3
≥ 800	74.9	82.8	83.7	84.3	84.9	85.0	85.4	85.6	85.7	85.9	86.0	86.1	86.4
≥ 700	75.2	83.4	84.4	85.1	85.8	85.9	86.3	86.6	86.7	86.9	87.1	87.2	87.4
≥ 600	75.4	84.2	85.3	86.1	86.9	87.1	87.6	87.9	88.0	88.2	88.4	88.5	88.7
≥ 500	75.6	84.8	86.0	87.0	88.0	88.3	89.0	89.5	89.6	89.9	90.1	90.2	90.5
≥ 400	75.7	85.3	86.6	87.9	89.2	89.5	90.4	91.1	91.2	91.7	91.9	92.1	92.4
≥ 300	75.7	85.5	86.9	88.4	89.8	90.2	91.4	92.3	92.5	93.2	93.6	93.9	94.3
≥ 200	75.7	85.5	87.0	88.5	90.1	90.5	91.8	93.0	93.2	94.2	94.9	95.5	96.1
≥ 100	75.7	85.6	87.0	88.5	90.2	90.6	92.0	93.2	93.5	94.7	95.6	96.5	98.2
≥ 0	75.7	85.6	87.0	88.5	90.2	90.6	92.0	93.2	93.5	94.8	95.7	96.7	97.9

22160

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

FEB

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)		VISIBILITY (STATUTE MILES)															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅔	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.3	54.2	54.6	54.8	54.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.4
≥ 20000	57.9	61.4	61.8	62.0	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.7
≥ 18000	58.2	61.6	62.0	62.3	62.5	62.5	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9	63.0
≥ 16000	58.4	61.8	62.2	62.4	62.6	62.7	62.8	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.2
≥ 14000	59.2	62.7	63.0	63.3	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.0
≥ 12000	60.4	63.9	64.3	64.6	64.8	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3
≥ 10000	61.9	65.7	66.1	66.3	66.5	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.1
≥ 9000	62.4	66.2	66.6	66.8	67.1	67.1	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.6
≥ 8000	63.3	67.1	67.5	67.8	68.0	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.5
≥ 7000	64.1	68.0	68.5	68.7	68.9	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.5
≥ 6000	64.8	68.8	69.2	69.5	69.7	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.3
≥ 5000	65.9	70.1	70.6	70.8	71.1	71.2	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.7
≥ 4500	66.4	70.7	71.2	71.4	71.7	71.8	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.3
≥ 4000	66.9	71.4	71.9	72.1	72.4	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	73.0
≥ 3500	67.5	72.0	72.5	72.8	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.7
≥ 3000	68.4	73.2	73.7	74.0	74.3	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.9
≥ 2500	69.6	74.8	75.3	75.7	76.0	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.7
≥ 2000	71.0	76.5	77.1	77.5	77.8	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.5
≥ 1800	71.4	77.2	77.8	78.2	78.5	78.6	78.8	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.2	79.2	79.3
≥ 1500	72.5	78.7	79.4	79.8	80.3	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	81.1	81.1
≥ 1200	73.5	80.4	81.2	81.7	82.2	82.3	82.6	82.7	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.2	83.2
≥ 1000	74.2	81.8	82.6	83.2	83.8	83.9	84.2	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.8	84.9	84.9
≥ 900	74.4	82.4	83.3	83.9	84.5	84.7	85.0	85.2	85.2	85.4	85.5	85.5	85.5	85.6	85.6	85.7	85.7
≥ 800	74.8	83.1	84.2	84.9	85.6	85.8	86.2	86.4	86.4	86.6	86.7	86.7	86.7	86.8	86.8	86.9	86.9
≥ 700	75.0	83.8	85.0	85.8	86.6	86.7	87.2	87.5	87.5	87.8	87.8	87.9	87.9	88.0	88.0	88.1	88.1
≥ 600	75.2	84.6	85.9	86.9	87.8	87.9	88.5	88.8	88.9	89.2	89.2	89.3	89.3	89.4	89.4	89.5	89.5
≥ 500	75.3	85.2	86.8	87.9	89.0	89.3	89.9	90.3	90.4	90.8	90.9	90.9	91.0	91.0	91.1	91.2	91.2
≥ 400	75.4	85.6	87.4	88.7	90.1	90.4	91.2	91.8	91.9	92.4	92.6	92.6	92.7	92.8	92.8	93.0	93.0
≥ 300	75.4	85.6	87.7	89.2	90.8	91.2	92.4	93.2	93.4	94.1	94.4	94.4	94.6	94.7	94.7	94.9	94.9
≥ 200	75.5	85.9	87.9	89.5	91.2	91.7	93.0	94.0	94.3	95.4	95.9	95.9	96.3	96.4	96.6	96.8	96.8
≥ 100	75.5	85.9	87.9	89.5	91.3	91.7	93.2	94.2	94.5	95.9	96.7	96.7	97.4	97.6	98.1	98.5	98.5
≥ 0	75.5	85.9	87.9	89.5	91.3	91.7	93.2	94.2	94.5	95.9	96.7	96.8	97.5	97.8	98.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

19691

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

STATION NAME

YEARS

MAR
MONTH

ALL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	52.3	55.4	55.7	56.0	56.2	56.2	56.4	56.5	56.6	56.6	56.6	56.6	56.6
≥ 20000	59.5	63.0	63.3	63.6	63.8	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.4
≥ 18000	59.8	63.2	63.6	63.9	64.1	64.2	64.4	64.5	64.5	64.5	64.6	64.6	64.7
≥ 16000	60.2	63.6	64.0	64.3	64.5	64.6	64.7	64.8	64.8	64.9	65.0	65.0	65.1
≥ 14000	61.0	64.5	64.9	65.2	65.4	65.5	65.7	65.8	65.8	65.9	65.9	65.9	66.0
≥ 12000	62.2	65.8	66.2	66.5	66.7	66.8	66.9	67.0	67.0	67.1	67.2	67.2	67.3
≥ 10000	63.9	67.6	68.0	68.3	68.6	68.8	68.8	68.9	68.9	69.0	69.1	69.1	69.1
≥ 9000	64.4	68.1	68.5	68.8	69.1	69.1	69.3	69.4	69.4	69.5	69.5	69.6	69.6
≥ 8000	65.3	69.2	69.6	69.9	70.1	70.2	70.4	70.5	70.5	70.6	70.6	70.7	70.7
≥ 7000	66.0	70.1	70.5	70.8	71.1	71.1	71.3	71.4	71.4	71.5	71.6	71.6	71.6
≥ 6000	66.8	70.9	71.3	71.6	71.9	72.0	72.2	72.3	72.3	72.3	72.4	72.4	72.5
≥ 5000	67.8	72.3	72.7	73.0	73.3	73.3	73.5	73.6	73.6	73.7	73.8	73.8	73.9
≥ 4500	68.5	73.1	73.6	73.9	74.2	74.2	74.4	74.5	74.5	74.6	74.7	74.7	74.8
≥ 4000	69.1	73.9	74.4	74.7	75.0	75.0	75.2	75.3	75.3	75.4	75.5	75.5	75.6
≥ 3500	69.7	74.7	75.2	75.5	75.8	75.9	76.1	76.2	76.2	76.3	76.3	76.4	76.4
≥ 3000	71.1	76.4	77.0	77.3	77.6	77.7	77.9	78.0	78.0	78.1	78.2	78.2	78.3
≥ 2500	72.3	78.1	78.7	79.1	79.4	79.5	79.7	79.8	79.8	79.9	79.9	80.0	80.0
≥ 2000	74.0	80.2	80.9	81.3	81.6	81.7	81.9	82.0	82.0	82.1	82.2	82.2	82.3
≥ 1800	74.4	80.9	81.5	82.0	82.3	82.4	82.6	82.8	82.8	82.9	82.9	83.0	83.0
≥ 1500	75.7	82.7	83.3	83.8	84.2	84.3	84.6	84.7	84.7	84.8	84.8	84.9	84.9
≥ 1200	77.1	84.8	85.5	86.1	86.5	86.6	86.9	87.1	87.1	87.2	87.2	87.3	87.3
≥ 1000	77.9	86.3	87.2	87.8	88.3	88.4	88.7	88.9	88.9	89.0	89.1	89.2	89.2
≥ 900	78.2	87.1	88.0	88.6	89.2	89.3	89.7	89.9	89.9	90.0	90.1	90.1	90.2
≥ 800	78.6	88.0	89.0	89.7	90.4	90.5	91.0	91.2	91.2	91.3	91.4	91.5	91.6
≥ 700	78.9	88.7	89.9	90.7	91.4	91.6	92.1	92.3	92.4	92.5	92.6	92.7	92.8
≥ 600	79.1	89.3	90.6	91.5	92.3	92.5	93.1	93.3	93.4	93.6	93.7	93.8	93.9
≥ 500	79.2	89.8	91.2	92.3	93.3	93.5	94.2	94.6	94.7	94.9	95.1	95.2	95.3
≥ 400	79.3	90.2	91.7	93.0	94.1	94.4	95.3	95.7	95.8	96.2	96.4	96.5	96.7
≥ 300	79.4	90.4	92.0	93.3	94.6	94.9	96.0	96.5	96.7	97.2	97.5	97.6	97.8
≥ 200	79.4	90.4	92.0	93.4	94.8	95.1	96.4	97.0	97.2	97.9	98.2	98.5	98.8
≥ 100	79.4	90.4	92.0	93.4	94.8	95.1	96.4	97.1	97.3	98.0	98.5	98.9	99.1
≥ 0	79.4	90.4	92.0	93.4	94.8	95.1	96.4	97.1	97.3	98.0	98.5	98.9	99.4

TOTAL NUMBER OF OBSERVATIONS

21442

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

STATION NAME

YEARS

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	51.4	53.7	53.9	54.0	54.1	54.1	54.3	54.3	54.4	54.4	54.4	54.4	54.4
≥ 20000	59.7	62.7	62.9	63.1	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5
≥ 18000	60.0	62.9	63.1	63.3	63.4	63.4	63.5	63.6	63.6	63.6	63.7	63.7	63.7
≥ 16000	60.2	63.1	63.4	63.5	63.6	63.6	63.8	63.8	63.9	63.9	63.9	63.9	64.0
≥ 14000	61.1	64.1	64.3	64.5	64.6	64.6	64.7	64.8	64.9	64.9	64.9	64.9	64.9
≥ 12000	62.2	65.2	65.5	65.6	65.7	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.1
≥ 10000	64.5	67.9	68.2	68.3	68.4	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.8
≥ 9000	65.1	68.6	68.9	69.0	69.1	69.1	69.3	69.4	69.4	69.4	69.5	69.5	69.5
≥ 8000	65.9	69.7	70.0	70.2	70.3	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.7
≥ 7000	67.3	71.2	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2
≥ 6000	68.3	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4
≥ 5000	69.8	74.2	74.6	74.8	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3
≥ 4500	70.5	75.1	75.5	75.7	75.9	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.3
≥ 4000	71.6	76.4	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.7
≥ 3500	72.6	77.6	77.9	78.2	78.4	78.4	78.6	78.7	78.8	78.8	78.8	78.8	78.8
≥ 3000	74.4	79.7	80.1	80.4	80.6	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.1
≥ 2500	75.9	81.6	82.0	82.3	82.5	82.6	82.8	82.9	83.0	83.0	83.0	83.0	83.0
≥ 2000	77.9	84.1	84.6	84.9	85.1	85.2	85.4	85.5	85.6	85.6	85.6	85.6	85.7
≥ 1800	78.6	84.9	85.4	85.8	86.0	86.1	86.4	86.4	86.5	86.5	86.5	86.5	86.6
≥ 1500	80.2	87.1	87.6	88.0	88.3	88.3	88.5	88.6	88.7	88.8	88.8	88.8	88.8
≥ 1200	81.7	89.3	89.9	90.3	90.6	90.7	90.9	91.0	91.1	91.1	91.2	91.2	91.2
≥ 1000	82.6	90.7	91.5	91.9	92.3	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.9
≥ 900	82.9	91.3	92.1	92.6	92.9	93.0	93.2	93.4	93.5	93.5	93.5	93.5	93.6
≥ 800	83.3	92.1	93.0	93.5	93.9	93.9	94.2	94.4	94.5	94.5	94.5	94.5	94.6
≥ 700	83.6	92.7	93.7	94.2	94.6	94.7	95.0	95.2	95.3	95.3	95.3	95.3	95.4
≥ 600	83.9	93.4	94.4	95.0	95.5	95.6	96.0	96.2	96.3	96.3	96.3	96.3	96.4
≥ 500	84.1	93.9	95.0	95.6	96.2	96.3	96.8	97.0	97.1	97.1	97.2	97.2	97.2
≥ 400	84.2	94.2	95.4	96.2	96.9	97.0	97.6	97.9	98.1	98.1	98.2	98.2	98.2
≥ 300	84.2	94.4	95.7	96.6	97.4	97.6	98.2	98.6	98.9	98.9	99.0	99.0	99.0
≥ 200	84.2	94.5	95.8	96.8	97.6	97.8	98.5	98.8	99.0	99.3	99.4	99.4	99.5
≥ 100	84.2	94.5	95.8	96.8	97.6	97.8	98.5	98.9	99.0	99.3	99.4	99.6	99.8
≥ 0	84.2	94.5	95.8	96.8	97.6	97.8	98.5	98.9	99.0	99.3	99.4	99.6	99.7

20724

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	50.9	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	61.5	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	61.7	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	61.8	64.4	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	62.7	65.4	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	64.3	67.1	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	66.7	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000	67.5	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 7000	69.1	72.6	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	70.1	73.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 5000	70.8	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4500	72.4	76.5	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	73.1	77.4	77.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500	74.2	78.8	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	75.2	80.0	80.2	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2500	76.9	82.1	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	78.4	84.2	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	80.3	86.4	86.8	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	80.9	87.2	87.6	87.9	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1200	82.2	89.0	89.4	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 1000	83.4	90.7	91.3	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1
≥ 900	84.2	92.1	92.7	93.0	93.3	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥ 800	84.5	92.6	93.3	93.6	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3
≥ 700	84.8	93.2	93.9	94.3	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 600	85.0	93.8	94.5	94.9	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.8
≥ 500	85.2	94.3	95.1	95.5	96.0	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5
≥ 400	85.4	94.7	95.7	96.2	96.8	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.5
≥ 300	85.5	95.1	96.2	96.8	97.5	97.7	98.0	98.2	98.2	98.3	98.3	98.4	98.4
≥ 200	85.5	95.3	96.6	97.3	98.1	98.3	98.7	98.9	98.9	99.1	99.2	99.2	99.3
≥ 100	85.5	95.4	96.7	97.4	98.3	98.4	99.0	99.2	99.2	99.4	99.5	99.6	99.7
≥ 0	85.5	95.4	96.7	97.4	98.3	98.5	99.0	99.3	99.3	99.5	99.6	99.7	99.8

21485

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

STATION NAME

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	59.8	62.2	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	69.8	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	70.0	73.0	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 16000	70.1	73.2	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	71.1	74.1	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	73.2	76.5	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0
≥ 10000	75.6	79.1	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	76.2	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4
≥ 8000	77.5	81.3	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	78.4	82.3	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	79.2	83.3	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	80.5	84.8	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 4500	81.1	85.5	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	82.6	87.2	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3500	83.6	88.3	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	85.4	90.2	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1
≥ 2500	86.4	91.5	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 2000	87.7	93.0	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 1800	88.0	93.3	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3
≥ 1500	88.8	94.4	94.8	95.0	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 1200	89.6	95.4	95.9	96.1	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 1000	90.0	96.0	96.5	96.7	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.2
≥ 900	90.2	96.3	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.5
≥ 800	90.5	96.8	97.3	97.6	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.1
≥ 700	90.6	97.1	97.7	97.9	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.5
≥ 600	90.8	97.3	98.0	98.3	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9
≥ 500	90.9	97.7	98.3	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4
≥ 400	91.0	97.8	98.4	98.8	99.1	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6
≥ 300	91.0	97.8	98.5	98.9	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8
≥ 200	91.0	97.8	98.5	98.9	99.2	99.3	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.8
≥ 100	91.0	97.9	98.5	98.9	99.2	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8
≥ 0	91.0	97.9	98.5	98.9	99.2	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8

20476

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

JUL

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	64.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	73.9	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	74.1	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000	74.4	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 14000	75.9	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 12000	78.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
≥ 10000	81.9	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 9000	82.7	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000	84.3	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	85.4	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6
≥ 6000	86.5	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	87.7	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 4500	88.1	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4000	89.1	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	89.7	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	90.7	94.4	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	91.4	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
≥ 2000	92.1	96.2	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	92.2	96.3	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	92.6	96.8	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	92.9	97.2	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	93.1	97.5	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	93.2	97.7	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	93.3	97.9	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	93.4	98.1	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	93.5	98.3	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	93.6	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	93.7	98.6	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	93.7	98.7	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	93.7	98.7	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 100	93.7	98.7	99.1	99.3	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9
≥ 0	93.7	98.7	99.1	99.3	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

21140

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

AUG

CEILING VERSUS VISIBILITY

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.6	71.5	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9
≥ 20000	75.5	78.8	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
≥ 18000	75.6	78.9	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4
≥ 16000	75.9	79.2	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	76.8	80.1	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6
≥ 12000	79.1	82.8	83.0	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	82.1	86.5	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0
≥ 9000	83.1	87.5	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1
≥ 8000	84.6	89.3	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 7000	85.2	90.1	90.3	90.4	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 6000	86.1	91.1	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 5000	87.1	92.4	92.6	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500	87.4	92.9	93.1	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
≥ 4000	88.1	93.7	93.9	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	88.5	94.2	94.4	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
≥ 3000	89.1	94.9	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7
≥ 2500	89.6	95.5	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥ 2000	90.0	96.0	96.3	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1800	90.1	96.1	96.4	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	90.3	96.5	96.8	97.0	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	90.6	96.9	97.2	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 1000	90.9	97.3	97.6	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	91.0	97.5	97.8	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 800	91.1	97.7	98.0	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 700	91.1	97.8	98.2	98.4	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 600	91.2	98.0	98.3	98.6	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	91.2	98.1	98.4	98.7	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	91.3	98.2	98.6	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	91.3	98.3	98.7	99.0	99.3	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	91.3	98.3	98.7	99.1	99.3	99.3	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	91.3	98.3	98.7	99.1	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9
≥ 0	91.3	98.3	98.7	99.1	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

21518

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

SEP
MONTH

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	64.3	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 20000	69.8	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000	69.9	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	70.1	73.0	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 14000	71.0	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
≥ 12000	73.0	76.3	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000	75.2	78.7	78.9	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	75.8	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000	77.3	81.2	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 7000	78.1	82.1	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
≥ 6000	78.9	83.1	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7
≥ 5000	80.0	84.3	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	80.4	84.8	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 4000	81.1	85.8	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 3500	81.7	86.5	86.8	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 3000	82.5	87.5	87.8	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	83.0	88.2	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1
≥ 2000	83.8	89.3	89.8	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 1800	84.1	89.7	90.2	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8
≥ 1500	84.8	90.7	91.1	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 1200	85.4	91.7	92.2	92.5	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	85.9	92.6	93.2	93.5	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 900	86.1	93.0	93.6	94.0	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 800	86.4	93.6	94.3	94.6	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2
≥ 700	86.6	94.1	94.7	95.1	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7
≥ 600	86.8	94.6	95.3	95.8	96.1	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.5	96.5
≥ 500	87.0	95.1	95.9	96.4	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3
≥ 400	87.1	95.5	96.5	97.1	97.6	97.7	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.4
≥ 300	87.2	95.8	96.8	97.5	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.1	99.1
≥ 200	87.2	95.9	96.9	97.7	98.3	98.4	98.8	99.1	99.2	99.4	99.5	99.5	99.5	99.7
≥ 100	87.2	95.9	96.9	97.7	98.3	98.4	98.8	99.1	99.2	99.5	99.6	99.7	99.7	99.8
≥ 0	87.2	95.9	96.9	97.7	98.3	98.4	98.8	99.1	99.2	99.5	99.6	99.7	99.7	99.8

21539

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM 0-14-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 74

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

OCT
MONTH

STATION NAME

ALL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	64.9	67.0	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5
≥ 20000	69.8	72.1	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 18000	69.9	72.2	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 16000	70.1	72.4	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 14000	71.1	73.5	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.2
≥ 12000	72.6	75.0	75.2	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.7
≥ 10000	74.6	77.3	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0
≥ 9000	75.2	78.0	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.7	78.8
≥ 8000	76.5	79.6	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.4
≥ 7000	77.1	80.4	80.6	80.8	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.2
≥ 6000	77.9	81.4	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.2
≥ 5000	79.1	82.9	83.1	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.7
≥ 4500	79.6	83.4	83.6	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.3
≥ 4000	80.7	84.6	84.8	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.5
≥ 3500	81.2	85.2	85.4	85.6	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.1
≥ 3000	82.1	86.3	86.6	86.7	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.2
≥ 2500	83.0	87.3	87.6	87.8	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.3	88.3
≥ 2000	84.1	88.7	89.0	89.2	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.7
≥ 1800	84.3	89.0	89.3	89.5	89.7	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.1
≥ 1500	85.1	90.1	90.4	90.7	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.3
≥ 1200	86.1	91.4	91.8	92.0	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.6
≥ 1000	86.5	92.3	92.7	93.0	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.6
≥ 900	86.8	92.8	93.2	93.5	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.1
≥ 800	87.0	93.4	93.8	94.1	94.4	94.5	94.6	94.7	94.7	94.7	94.8	94.8	94.9
≥ 700	87.3	93.9	94.3	94.7	95.0	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.5
≥ 600	87.5	94.4	94.9	95.3	95.7	95.8	95.9	96.0	96.0	96.1	96.1	96.2	96.3
≥ 500	87.6	94.8	95.4	95.9	96.3	96.4	96.7	96.7	96.8	96.9	96.9	96.9	97.0
≥ 400	87.7	95.2	95.9	96.4	97.0	97.2	97.5	97.7	97.8	97.9	98.0	98.0	98.1
≥ 300	87.8	95.4	96.2	96.8	97.5	97.7	98.2	98.4	98.5	98.7	98.7	98.8	98.9
≥ 200	87.8	95.5	96.4	97.0	97.7	97.9	98.4	98.7	98.8	99.0	99.1	99.2	99.3
≥ 100	87.8	95.5	96.4	97.0	97.7	97.9	98.5	98.8	98.9	99.2	99.3	99.4	99.6
≥ 0	87.8	95.5	96.4	97.0	97.7	97.9	98.5	98.8	98.9	99.2	99.3	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS

21546

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

NOV

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	62.4	64.2	64.3	64.5	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.9
≥ 20000	68.3	70.6	70.7	70.9	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.3
≥ 18000	68.5	70.7	70.8	71.0	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.4	71.4
≥ 16000	68.7	71.0	71.1	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.7	71.7
≥ 14000	69.6	71.9	72.0	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.6
≥ 12000	71.1	73.5	73.6	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2
≥ 10000	72.5	75.0	75.1	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.7	75.7
≥ 9000	73.0	75.5	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.2	76.2
≥ 8000	73.9	76.4	76.5	76.7	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.2
≥ 7000	74.6	77.1	77.3	77.5	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.9	78.0
≥ 6000	75.2	77.9	78.0	78.2	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.7
≥ 5000	75.8	78.7	78.9	79.1	79.2	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.5	79.6
≥ 4500	76.4	79.3	79.5	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.2
≥ 4000	77.1	80.1	80.3	80.5	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.9	81.0
≥ 3500	77.8	80.9	81.1	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.8
≥ 3000	78.6	81.8	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.8
≥ 2500	79.5	83.0	83.3	83.5	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.9	83.9	84.0
≥ 2000	81.0	84.8	85.1	85.3	85.4	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.9
≥ 1800	81.6	85.5	85.8	86.1	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.6
≥ 1500	82.9	87.2	87.5	87.7	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.3
≥ 1200	84.0	88.7	89.0	89.3	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.9
≥ 1000	84.7	89.9	90.3	90.6	90.7	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.3
≥ 900	84.9	90.4	90.8	91.1	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.9
≥ 800	85.2	91.1	91.6	91.9	92.1	92.2	92.4	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.8
≥ 700	85.4	91.7	92.1	92.5	92.8	92.8	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.4	93.5
≥ 600	85.6	92.2	92.7	93.2	93.5	93.6	93.8	93.9	93.9	94.0	94.1	94.1	94.1	94.2	94.3
≥ 500	85.7	92.7	93.3	93.8	94.2	94.3	94.5	94.7	94.7	94.9	94.9	95.0	95.0	95.1	95.1
≥ 400	85.8	93.2	93.9	94.5	95.1	95.2	95.6	95.9	95.9	96.1	96.2	96.2	96.3	96.3	96.4
≥ 300	85.9	93.6	94.4	95.1	95.9	96.1	96.7	97.1	97.2	97.4	97.6	97.6	97.6	97.7	97.8
≥ 200	85.9	93.7	94.6	95.4	96.3	96.5	97.3	97.8	97.9	98.3	98.6	98.7	98.8	98.8	98.9
≥ 100	85.9	93.7	94.6	95.4	96.3	96.5	97.3	97.8	98.0	98.5	98.8	98.9	99.1	99.2	99.6
≥ 0	85.9	93.7	94.6	95.4	96.3	96.5	97.3	97.8	98.0	98.6	98.9	98.9	99.1	99.3	100.0

TOTAL NUMBER OF

21500

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 42-72

DEC
MONTH
ALL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	54.5	56.9	57.1	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5
≥ 20000	60.6	63.4	63.6	63.8	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1
≥ 18000	60.7	63.6	63.8	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2
≥ 16000	61.1	63.9	64.2	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6
≥ 14000	61.9	64.8	65.0	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5
≥ 12000	63.6	66.6	66.9	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3
≥ 10000	64.9	68.1	68.3	68.5	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8
≥ 9000	65.3	68.5	68.8	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3
≥ 8000	66.9	70.3	70.6	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1
≥ 7000	67.4	71.0	71.2	71.4	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8
≥ 6000	68.4	72.1	72.4	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9
≥ 5000	69.0	72.8	73.1	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.7	73.7
≥ 4500	69.3	73.5	73.8	74.0	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4
≥ 4000	70.1	74.2	74.5	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1
≥ 3500	70.9	75.1	75.4	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1
≥ 3000	71.8	76.2	76.5	76.7	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2
≥ 2500	73.0	77.6	78.0	78.3	78.5	78.6	78.6	78.7	78.7	78.7	78.8	78.8
≥ 2000	73.4	78.2	78.6	78.9	79.1	79.2	79.3	79.3	79.3	79.4	79.4	79.4
≥ 1800	74.5	79.8	80.3	80.6	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.1
≥ 1500	75.7	81.6	82.0	82.4	82.6	82.7	82.8	82.9	83.0	83.0	83.0	83.0
≥ 1200	76.5	83.1	83.7	84.1	84.4	84.4	84.6	84.7	84.8	84.8	84.8	84.8
≥ 1000	76.8	83.8	84.4	84.9	85.2	85.2	85.4	85.5	85.6	85.6	85.7	85.7
≥ 900	77.2	84.6	85.3	85.9	86.2	86.3	86.5	86.7	86.8	86.8	86.9	86.9
≥ 800	77.4	85.3	86.1	86.7	87.1	87.3	87.5	87.7	87.8	87.9	88.0	88.1
≥ 700	77.7	85.9	86.8	87.7	88.1	88.3	88.6	88.8	89.0	89.1	89.2	89.3
≥ 600	77.8	86.5	87.6	88.6	89.2	89.4	89.9	90.2	90.3	90.5	90.8	90.9
≥ 500	77.9	87.1	88.4	89.5	90.4	90.7	91.4	91.8	92.0	92.3	92.6	92.9
≥ 400	78.0	87.3	88.7	90.0	91.2	91.6	92.6	93.3	93.5	94.0	94.3	94.8
≥ 300	78.0	87.4	88.9	90.3	91.6	92.0	93.3	94.3	94.6	95.4	95.9	96.4
≥ 200	78.0	87.4	88.9	90.4	91.7	92.1	93.4	94.4	94.8	95.7	96.5	97.2
≥ 100	78.0	87.4	88.9	90.4	91.7	92.1	93.4	94.4	94.8	95.8	96.6	97.4
≥ 0	78.0	87.4	88.9	90.4	91.7	92.1	93.4	94.4	94.8	95.8	96.6	97.4

22640

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

JAN
MONTH

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	≥ 20300	56.8	59.3	59.6	59.9	60.0	60.0	60.2	60.3	60.4	60.5	60.5	60.5	60.5	60.8	61.0
	≥ 18000	62.1	64.7	65.1	65.4	65.5	65.5	65.7	65.9	65.9	66.0	66.0	66.0	66.1	66.3	66.7
	≥ 16000	62.3	65.0	65.3	65.6	65.7	65.8	65.9	66.1	66.1	66.2	66.2	66.3	66.3	66.5	66.9
	≥ 14000	62.4	65.1	65.5	65.8	65.9	65.9	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.7	67.1
	≥ 12000	63.4	66.0	66.4	66.7	66.8	66.8	67.0	67.2	67.2	67.3	67.3	67.3	67.4	67.6	68.0
	≥ 10000	64.9	67.7	68.1	68.5	68.5	68.6	68.8	68.9	68.9	69.0	69.0	69.1	69.1	69.4	69.7
	≥ 9000	65.9	68.8	69.1	69.5	69.5	69.6	69.8	69.9	69.9	70.1	70.1	70.1	70.1	70.4	70.7
	≥ 8000	66.5	69.4	69.8	70.1	70.2	70.2	70.4	70.6	70.6	70.7	70.7	70.7	70.8	71.0	71.4
	≥ 7000	67.5	70.4	70.7	71.1	71.2	71.2	71.4	71.5	71.6	71.7	71.7	71.7	71.8	72.0	72.4
	≥ 6000	68.0	71.1	71.5	71.8	71.9	72.0	72.2	72.4	72.4	72.5	72.5	72.5	72.6	72.8	73.2
	≥ 5000	68.5	71.7	72.1	72.4	72.5	72.6	72.8	73.0	73.0	73.1	73.1	73.2	73.2	73.5	73.8
	≥ 4500	69.7	72.8	73.2	73.6	73.7	73.7	73.9	74.1	74.2	74.3	74.3	74.3	74.4	74.6	75.0
	≥ 4000	70.1	73.3	73.7	74.1	74.2	74.2	74.4	74.6	74.6	74.8	74.8	74.8	74.8	75.1	75.4
	≥ 3500	70.6	73.8	74.2	74.6	74.7	74.8	74.9	75.2	75.2	75.3	75.3	75.3	75.4	75.6	76.0
	≥ 3000	70.9	74.2	74.6	75.0	75.3	75.3	75.5	75.7	75.7	75.8	75.8	75.9	75.9	76.2	76.5
	≥ 2500	71.3	74.8	75.2	75.6	75.8	75.9	76.1	76.3	76.3	76.5	76.5	76.5	76.5	76.8	77.1
≥ 2000	72.1	75.8	76.2	76.6	76.9	76.9	77.1	77.3	77.4	77.5	77.5	77.5	77.5	77.8	78.2	
≥ 1800	73.2	77.1	77.5	77.9	78.2	78.2	78.4	78.7	78.7	78.8	78.8	78.8	78.9	79.1	79.5	
≥ 1500	73.8	77.9	78.3	78.7	79.0	79.0	79.2	79.5	79.5	79.6	79.6	79.6	79.7	79.9	80.3	
≥ 1200	74.6	78.9	79.4	79.9	80.2	80.3	80.5	80.7	80.8	80.9	80.9	80.9	80.9	81.2	81.6	
≥ 1000	75.8	80.5	81.1	81.6	82.0	82.0	82.2	82.5	82.6	82.7	82.7	82.7	82.8	83.0	83.4	
≥ 900	76.3	81.5	82.1	82.6	83.1	83.2	83.4	83.8	83.8	84.0	84.1	84.1	84.2	84.4	84.8	
≥ 800	76.7	82.2	82.7	83.3	83.8	83.9	84.2	84.6	84.6	84.9	85.1	85.1	85.1	85.4	85.8	
≥ 700	77.2	83.0	83.6	84.2	84.7	84.8	85.1	85.5	85.5	85.8	86.0	86.0	86.0	86.3	86.7	
≥ 500	77.3	83.5	84.2	84.8	85.4	85.4	85.7	86.1	86.1	86.4	86.6	86.6	86.7	86.9	87.3	
≥ 400	77.8	84.4	85.2	86.0	86.6	86.7	86.9	87.3	87.4	87.7	87.8	87.9	87.9	88.2	88.5	
≥ 300	77.8	84.9	85.7	86.7	87.4	87.5	88.0	88.5	88.5	88.8	89.2	89.2	89.3	89.5	89.9	
≥ 200	77.9	85.5	86.5	87.7	88.6	88.7	89.3	89.9	90.0	90.4	90.7	90.7	90.8	91.1	91.5	
≥ 100	77.9	85.7	86.5	88.1	89.3	89.3	90.2	91.0	91.1	91.7	92.1	92.2	92.5	92.8	93.1	
≥ 0	77.9	85.8	86.8	88.2	89.5	89.7	90.6	91.7	91.9	93.1	93.6	93.7	94.3	94.6	95.1	
≥ 0	77.9	85.8	86.8	88.2	89.6	89.7	91.0	92.1	92.3	94.0	94.7	94.8	95.8	96.6	97.4	
≥ 0	77.9	85.8	86.8	88.2	89.6	89.7	91.0	92.1	92.3	94.0	94.7	94.8	95.8	96.6	97.4	

TOTAL NUMBER OF OBSERVATIONS 2765

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	54.8	56.8	57.1	57.3	57.5	57.5	57.6	57.6	57.6	57.8	57.8	57.9
≥ 20000	59.4	61.5	61.8	62.0	62.1	62.1	62.3	62.3	62.3	62.4	62.5	62.7
≥ 18000	59.6	61.7	62.0	62.1	62.3	62.3	62.5	62.5	62.5	62.6	62.7	62.8
≥ 16000	59.8	61.9	62.2	62.4	62.5	62.5	62.7	62.7	62.7	62.8	62.9	63.0
≥ 14000	60.8	62.9	63.2	63.4	63.6	63.6	63.8	63.8	63.8	63.9	64.0	64.1
≥ 12000	62.6	64.8	65.1	65.3	65.5	65.5	65.7	65.7	65.7	65.8	65.9	66.0
≥ 10000	63.8	66.1	66.4	66.6	66.8	66.8	66.9	66.9	66.9	67.1	67.1	67.3
≥ 9000	64.6	66.9	67.2	67.4	67.6	67.6	67.8	67.8	67.8	67.9	68.0	68.1
≥ 8000	65.7	68.2	68.5	68.7	68.9	68.9	69.0	69.0	69.0	69.1	69.2	69.4
≥ 7000	66.3	68.9	69.2	69.4	69.6	69.6	69.8	69.8	69.8	69.9	69.9	70.1
≥ 6000	66.7	69.4	69.7	69.9	70.2	70.2	70.4	70.4	70.4	70.5	70.5	70.7
≥ 5000	67.4	70.2	70.4	70.7	71.0	71.0	71.2	71.2	71.2	71.3	71.4	71.6
≥ 4500	68.0	70.9	71.2	71.4	71.7	71.7	71.9	71.9	72.0	72.1	72.1	72.3
≥ 4000	68.7	71.7	72.0	72.2	72.5	72.5	72.7	72.7	72.8	72.9	73.0	73.1
≥ 3500	69.0	72.0	72.4	72.6	73.0	73.0	73.2	73.2	73.2	73.3	73.4	73.6
≥ 3000	69.4	72.4	72.8	73.0	73.4	73.4	73.6	73.6	73.7	73.8	73.9	74.0
≥ 2500	70.2	73.3	73.7	74.0	74.3	74.3	74.6	74.6	74.7	74.8	74.8	75.0
≥ 2000	71.4	74.9	75.3	75.6	76.0	76.0	76.2	76.2	76.3	76.4	76.5	76.6
≥ 1800	72.2	75.7	76.2	76.5	76.8	76.8	77.1	77.1	77.1	77.3	77.3	77.5
≥ 1500	73.1	76.8	77.3	77.6	78.0	78.0	78.3	78.3	78.4	78.5	78.6	78.8
≥ 1200	74.2	78.1	78.7	79.0	79.5	79.5	79.9	80.0	80.1	80.2	80.3	80.5
≥ 1000	74.8	79.2	79.7	80.2	80.7	80.7	81.2	81.3	81.4	81.5	81.6	81.8
≥ 900	75.2	80.1	80.7	81.1	81.8	81.8	82.3	82.4	82.5	82.7	82.8	83.0
≥ 800	75.7	81.0	81.7	82.1	82.8	82.9	83.4	83.5	83.6	83.8	84.0	84.1
≥ 700	75.9	81.5	82.2	82.8	83.5	83.6	84.1	84.3	84.4	84.6	84.8	85.0
≥ 600	76.7	83.0	83.7	84.2	85.0	85.1	85.7	85.8	85.9	86.2	86.4	86.6
≥ 500	77.0	83.7	84.5	85.2	85.3	86.5	87.2	87.5	87.5	87.9	88.2	88.4
≥ 400	77.2	84.4	85.2	86.0	87.2	87.5	88.5	88.9	89.0	89.4	89.8	90.1
≥ 300	77.3	84.6	85.5	86.6	88.0	88.3	89.7	90.3	90.3	91.1	91.6	92.1
≥ 200	77.3	84.8	85.7	86.7	88.3	88.7	90.2	91.1	91.3	92.0	92.9	93.9
≥ 100	77.3	84.8	85.7	86.7	88.4	88.8	90.4	91.4	91.6	92.6	93.8	95.1
≥ 0	77.3	84.8	85.7	86.7	88.4	88.8	90.4	91.4	91.6	92.6	93.8	95.2

TOTAL NUMBER OF OBSERVATIONS

2774

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919
STATION

TINKER AFB OK/OKLAHOMA CITY
STATION NAME

43-72
YEARS

JAN
MONTH

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	49.2	52.4	52.7	53.0	53.0	53.1	53.2	53.2	53.2	53.4	53.4	53.4
≥ 7000	54.9	58.7	59.0	59.4	59.4	59.5	59.7	59.7	59.7	59.9	59.9	59.9
≥ 18000	54.9	58.8	59.1	59.4	59.5	59.5	59.7	59.7	59.8	59.9	59.9	59.9
≥ 16000	55.2	59.0	59.4	59.7	59.8	59.8	60.0	60.0	60.1	60.2	60.2	60.2
≥ 14000	56.4	60.3	60.7	61.0	61.1	61.1	61.3	61.3	61.4	61.5	61.5	61.5
≥ 12000	58.1	62.2	62.5	62.8	62.9	63.0	63.1	63.2	63.2	63.4	63.4	63.4
≥ 10000	59.7	64.0	64.4	64.7	64.8	64.9	65.0	65.1	65.1	65.3	65.3	65.3
≥ 9000	60.5	64.8	65.2	65.6	65.7	65.7	65.9	66.0	66.0	66.1	66.1	66.1
≥ 8000	61.3	65.9	66.2	66.6	66.7	66.8	67.0	67.0	67.1	67.2	67.2	67.2
≥ 7000	62.2	66.9	67.3	67.7	67.8	67.8	68.0	68.1	68.1	68.3	68.3	68.3
≥ 6000	63.0	67.8	68.2	68.6	68.7	68.7	68.9	69.0	69.0	69.2	69.2	69.2
≥ 5000	63.7	68.8	69.3	69.7	69.8	69.8	70.0	70.1	70.1	70.3	70.3	70.3
≥ 4500	64.1	69.6	70.0	70.5	70.5	70.6	70.8	70.9	70.9	71.0	71.1	71.1
≥ 4000	64.6	70.1	70.5	71.0	71.1	71.2	71.4	71.4	71.5	71.6	71.6	71.6
≥ 3500	65.1	70.8	71.3	71.7	71.8	71.9	72.1	72.2	72.2	72.3	72.4	72.4
≥ 3000	65.7	71.4	71.9	72.3	72.4	72.5	72.7	72.8	72.8	73.0	73.0	73.0
≥ 2500	66.2	72.1	72.6	73.1	73.2	73.3	73.5	73.5	73.6	73.7	73.7	73.7
≥ 2000	67.2	73.6	74.1	74.6	74.7	74.8	75.1	75.2	75.2	75.4	75.4	75.4
≥ 1800	67.5	74.1	74.6	75.1	75.3	75.4	75.6	75.7	75.8	76.0	76.0	76.0
≥ 1500	68.6	75.6	76.2	76.7	76.9	77.0	77.2	77.4	77.4	77.6	77.7	77.7
≥ 1200	70.0	77.3	78.0	78.6	78.8	78.9	79.3	79.5	79.5	79.8	79.9	79.9
≥ 1000	70.6	78.6	79.3	80.0	80.4	80.5	80.9	81.1	81.2	81.4	81.6	81.6
≥ 900	70.8	78.9	79.7	80.4	80.8	80.9	81.3	81.6	81.6	81.9	82.1	82.1
≥ 800	71.4	80.0	80.9	81.6	82.0	82.2	82.7	82.9	82.9	83.2	83.4	83.5
≥ 700	71.5	80.5	81.5	82.2	82.7	82.9	83.4	83.6	83.6	84.0	84.2	84.3
≥ 600	71.7	81.2	82.2	83.0	83.6	83.8	84.4	84.7	84.7	85.1	85.3	85.4
≥ 500	72.1	81.7	82.9	83.9	84.7	84.9	85.7	86.1	86.2	86.6	86.9	86.9
≥ 400	72.2	82.4	83.8	84.9	85.9	86.2	87.3	87.8	87.9	88.5	88.9	89.0
≥ 300	72.2	82.6	84.0	85.5	86.7	87.0	88.4	89.3	89.5	90.5	91.0	91.2
≥ 200	72.2	82.7	84.2	85.8	87.0	87.4	89.0	90.2	90.4	91.6	92.4	93.2
≥ 100	72.2	82.7	84.2	85.8	87.2	87.6	89.4	90.5	90.8	92.4	93.4	94.6
≥ 0	72.2	82.7	84.2	85.8	87.2	87.6	89.4	90.6	90.9	92.4	93.6	95.2

2776

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
13919

STATION NAME
TINKER AFB OK/OKLAHOMA CITY

YEARS
43-72

MONTH
JAN

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	44.3	47.8	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.4	48.4	48.4
≥ 20000	53.1	57.3	57.7	57.8	57.9	58.0	58.1	58.1	58.2	58.2	58.2	58.3
≥ 18000	53.3	57.6	58.0	58.0	58.1	58.2	58.3	58.3	58.4	58.4	58.4	58.5
≥ 16000	53.5	57.8	58.2	58.2	58.3	58.4	58.5	58.5	58.6	58.6	58.7	58.7
≥ 14000	55.3	59.7	60.1	60.1	60.2	60.3	60.4	60.5	60.5	60.5	60.6	60.6
≥ 12000	57.0	61.7	62.2	62.2	62.4	62.5	62.6	62.7	62.7	62.7	62.8	62.9
≥ 10000	58.6	63.5	64.1	64.1	64.3	64.5	64.6	64.6	64.6	64.6	64.7	64.8
≥ 9000	59.5	64.6	65.2	65.2	65.5	65.6	65.7	65.7	65.8	65.8	65.9	66.0
≥ 8000	60.1	65.5	66.0	66.2	66.4	66.5	66.7	66.7	66.8	66.8	66.9	67.1
≥ 7000	60.8	66.2	66.8	66.9	67.2	67.3	67.4	67.5	67.6	67.6	67.7	67.9
≥ 6000	61.3	66.9	67.4	67.6	67.9	68.0	68.2	68.2	68.3	68.4	68.5	68.6
≥ 5000	62.0	67.7	68.2	68.5	68.7	68.8	69.0	69.1	69.2	69.2	69.3	69.5
≥ 4500	62.1	68.0	68.5	68.8	69.0	69.1	69.3	69.4	69.4	69.5	69.6	69.8
≥ 4000	62.3	68.2	68.8	69.0	69.3	69.4	69.6	69.7	69.7	69.8	69.9	70.1
≥ 3500	62.7	68.8	69.3	69.5	69.8	69.9	70.2	70.2	70.3	70.3	70.4	70.6
≥ 3000	63.2	69.6	70.2	70.4	70.7	70.8	71.1	71.1	71.2	71.3	71.4	71.6
≥ 2500	63.5	70.3	71.0	71.3	71.6	71.7	72.0	72.0	72.1	72.2	72.3	72.5
≥ 2000	64.6	71.8	72.7	73.0	73.4	73.5	73.8	73.9	74.0	74.1	74.2	74.4
≥ 1800	65.0	72.3	73.3	73.7	74.0	74.1	74.5	74.6	74.7	74.8	74.9	75.1
≥ 1500	66.2	73.8	74.8	75.2	75.6	75.7	76.1	76.2	76.3	76.4	76.5	76.7
≥ 1200	66.8	75.0	76.1	76.6	77.1	77.2	77.6	77.8	77.9	78.1	78.2	78.4
≥ 1000	67.5	76.2	77.5	78.1	78.8	79.1	79.5	79.8	80.0	80.2	80.3	80.6
≥ 900	67.7	76.7	78.1	78.7	79.6	79.8	80.2	80.6	80.7	81.0	81.1	81.4
≥ 800	68.0	77.6	79.0	79.7	80.6	80.9	81.4	81.8	81.9	82.2	82.4	82.7
≥ 700	68.2	78.5	80.1	81.0	82.0	82.4	82.9	83.3	83.4	83.7	83.9	84.2
≥ 600	68.5	79.6	81.3	82.3	83.5	84.0	84.6	85.0	85.2	85.6	85.8	86.3
≥ 500	68.6	80.2	82.1	83.3	84.6	85.2	86.2	86.7	87.0	87.3	87.5	88.5
≥ 400	68.6	80.5	82.6	84.1	85.7	86.3	87.6	88.5	89.7	90.1	90.5	90.8
≥ 300	68.6	80.8	82.9	84.6	86.4	87.1	88.8	89.9	90.2	91.4	91.9	93.2
≥ 200	68.6	80.8	83.0	84.6	86.5	87.3	89.1	90.4	90.8	93.1	93.3	95.2
≥ 100	68.6	80.8	83.0	84.6	86.6	87.3	89.1	90.5	90.9	92.5	93.6	98.2
≥ 0	68.6	80.8	83.0	84.6	86.6	87.3	89.1	90.5	90.9	92.5	93.7	97.4

TOTAL NUMBER OF OBSERVATIONS

2768

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

JAN

MONTH

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	47.7	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	57.9	61.4	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	58.2	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	58.4	61.9	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	59.1	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 12000	61.1	64.8	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	62.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000	63.5	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 8000	64.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	65.2	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	65.6	70.2	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	66.1	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500	66.4	71.1	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4000	66.7	71.6	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500	67.0	71.9	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4
≥ 3000	67.5	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
≥ 2500	68.3	73.8	74.1	74.2	74.2	74.2	74.3	74.3	74.4	74.5	74.5	74.5	74.5
≥ 2000	69.3	75.3	75.9	76.1	76.1	76.1	76.4	76.4	76.4	76.6	76.6	76.6	76.6
≥ 1800	69.6	75.7	76.3	76.6	76.7	76.7	76.9	76.9	77.0	77.1	77.2	77.2	77.2
≥ 1500	71.0	77.8	78.4	78.7	78.9	79.0	79.2	79.2	79.3	79.4	79.4	79.4	79.4
≥ 1200	71.9	79.5	80.3	80.7	81.1	81.3	81.6	81.7	81.8	82.0	82.0	82.0	82.0
≥ 1000	72.9	81.7	82.7	83.2	83.7	83.9	84.3	84.5	84.5	84.8	84.9	84.9	84.9
≥ 900	73.1	82.5	83.5	84.2	84.7	84.9	85.3	85.5	85.6	85.9	85.9	86.0	86.0
≥ 800	73.5	83.4	84.6	85.4	86.0	86.3	86.7	86.9	87.0	87.3	87.4	87.4	87.4
≥ 700	73.7	84.2	85.5	86.4	87.2	87.4	88.0	88.2	88.3	88.7	88.8	88.8	88.8
≥ 600	73.8	84.6	86.1	87.2	88.1	88.3	89.0	89.3	89.4	89.8	89.9	89.9	89.9
≥ 500	73.9	85.2	86.8	88.3	89.4	89.8	90.7	91.3	91.4	91.9	92.1	92.1	92.1
≥ 400	74.0	85.8	87.5	89.3	90.7	91.1	92.2	93.0	93.2	93.8	94.0	94.0	94.1
≥ 300	74.0	85.9	87.7	89.6	91.0	91.5	92.8	94.1	94.3	95.2	95.6	95.7	95.8
≥ 200	74.1	85.9	87.8	89.7	91.2	91.6	93.2	94.5	94.8	96.0	96.8	97.2	97.7
≥ 100	74.1	85.9	87.8	89.7	91.2	91.7	93.2	94.6	94.9	96.4	97.3	97.9	98.2
≥ 0	74.1	85.9	87.8	89.7	91.2	91.7	93.2	94.6	94.9	96.4	97.4	98.1	99.1

TOTAL NUMBER OF OBSERVATIONS

2772

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

JAN MONTH

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	49.7	52.2	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	60.6	63.6	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	60.7	63.7	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	60.9	63.9	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	61.8	64.9	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 12000	63.7	67.0	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 10000	65.5	69.0	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	66.4	69.9	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6
≥ 8000	67.1	70.7	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000	67.7	71.5	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	68.0	71.9	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	68.5	72.4	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	68.9	72.9	73.3	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	69.4	73.5	73.9	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	69.5	73.7	74.1	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	70.3	74.6	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500	71.2	76.0	76.6	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2000	73.1	78.6	79.3	79.5	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8
≥ 1800	73.4	79.1	79.8	80.0	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.4
≥ 1500	74.8	81.5	82.4	82.7	82.9	83.1	83.1	83.1	83.2	83.2	83.3	83.3
≥ 1200	76.2	84.1	85.0	85.5	85.8	86.1	86.1	86.1	86.2	86.3	86.3	86.3
≥ 1000	76.7	85.1	86.2	86.7	87.2	87.3	87.5	87.6	87.7	87.8	87.8	87.8
≥ 900	76.8	85.5	86.7	87.2	87.7	87.7	88.0	88.2	88.3	88.3	88.4	88.4
≥ 800	76.9	86.0	87.3	88.0	88.6	88.7	89.0	89.1	89.2	89.3	89.4	89.4
≥ 700	77.1	86.3	87.7	88.5	89.3	89.4	89.8	90.1	90.2	90.3	90.4	90.4
≥ 600	77.2	86.9	88.6	89.5	90.6	90.7	91.2	91.6	91.7	91.8	91.9	91.9
≥ 500	77.2	87.4	89.2	90.4	91.7	91.9	92.6	93.3	93.5	93.6	93.7	93.7
≥ 400	77.3	87.8	89.7	91.2	92.7	92.9	93.8	94.9	95.1	95.3	95.5	95.6
≥ 300	77.3	87.9	89.8	91.3	93.0	93.3	94.4	95.7	96.0	96.5	96.8	97.0
≥ 200	77.7	88.0	89.9	91.4	93.1	93.4	94.4	96.0	96.3	97.0	97.4	97.8
≥ 100	77.3	88.0	89.9	91.4	93.1	93.4	94.5	96.0	96.4	97.2	97.7	98.2
≥ 0	77.3	88.0	89.9	91.4	93.1	93.4	94.5	96.0	96.4	97.2	97.7	98.2

TOTAL NUMBER OF OBSERVATIONS

2772

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

JAN MONTH

1800-2000 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	56.0	58.6	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2
≥ 20000	63.0	66.3	66.6	66.8	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1
≥ 18000	63.2	66.5	66.8	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.4
≥ 16000	63.7	67.0	67.2	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.8
≥ 14000	65.1	68.4	68.6	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2
≥ 12000	66.2	69.6	69.9	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.5
≥ 10000	67.7	71.3	71.6	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.2
≥ 9000	68.3	71.9	72.2	72.5	72.6	72.6	72.7	72.8	72.8	72.8	72.9	72.9	72.9
≥ 8000	69.4	73.2	73.6	73.8	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2
≥ 7000	70.3	74.2	74.5	74.8	74.9	74.9	75.0	75.1	75.1	75.1	75.2	75.2	75.2
≥ 6000	70.8	74.9	75.2	75.5	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.9
≥ 5000	71.5	75.6	75.9	76.2	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.6
≥ 4500	71.9	76.1	76.5	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1
≥ 4000	72.4	76.6	77.0	77.3	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.7
≥ 3500	72.5	76.9	77.2	77.5	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.9
≥ 3000	73.4	77.8	78.2	78.4	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8
≥ 2500	74.2	78.9	79.3	79.6	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0
≥ 2000	75.1	80.4	80.8	81.2	81.3	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.7
≥ 1800	75.5	81.2	81.6	81.9	82.1	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.5
≥ 1500	76.5	82.6	83.1	83.5	83.6	83.7	83.8	84.0	84.0	84.1	84.1	84.2	84.2
≥ 1200	77.3	84.1	84.6	84.9	85.1	85.2	85.3	85.5	85.5	85.6	85.6	85.7	85.7
≥ 1000	77.9	85.2	85.7	86.2	86.5	86.6	86.7	86.9	86.9	87.0	87.0	87.1	87.1
≥ 900	78.2	86.0	86.5	86.9	87.3	87.4	87.6	87.8	87.8	87.9	87.9	88.0	88.0
≥ 800	78.5	86.6	87.1	87.6	88.0	88.1	88.3	88.6	88.7	88.7	88.8	88.8	88.9
≥ 700	78.6	87.0	87.6	88.3	88.8	89.0	89.3	89.6	89.7	89.8	90.0	90.0	90.1
≥ 600	78.8	87.7	88.4	89.1	89.8	90.1	90.5	90.9	90.9	91.1	91.2	91.3	91.3
≥ 500	78.9	88.4	89.1	90.1	91.0	91.4	91.9	92.4	92.6	92.8	92.9	93.0	93.0
≥ 400	78.9	88.7	89.6	90.8	92.0	92.5	93.2	93.7	93.9	94.1	94.3	94.3	94.4
≥ 300	79.0	88.9	90.0	91.4	92.8	93.4	94.3	95.0	95.2	95.6	95.9	96.0	96.1
≥ 200	79.0	89.0	90.1	91.7	93.1	93.7	94.7	95.6	95.8	96.5	97.0	97.1	97.4
≥ 100	79.1	89.1	90.2	91.7	93.2	93.8	94.9	96.0	96.3	97.2	97.9	98.2	98.6
≥ 0	79.1	89.1	90.2	91.7	93.2	93.8	94.9	96.0	96.3	97.3	97.9	98.4	98.8

2770

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

JAN

STATION NAME

YEARS

MONTH

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	58.4	60.8	61.0	61.1	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	63.6	66.3	66.4	66.6	66.7	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0
≥ 18000	63.7	66.5	66.7	66.8	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2
≥ 16000	64.1	66.8	67.0	67.1	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	65.2	68.0	68.2	68.3	68.4	68.4	68.5	68.6	68.6	68.7	68.7	68.7	68.7
≥ 12000	66.5	69.5	69.7	69.8	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	67.5	70.5	70.7	70.8	71.0	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3
≥ 9000	68.1	71.2	71.3	71.4	71.6	71.6	71.8	71.9	71.9	71.9	71.9	72.0	72.0
≥ 8000	69.1	72.3	72.5	72.6	72.8	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.1
≥ 7000	69.8	73.1	73.3	73.4	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.9	73.9
≥ 6000	70.2	73.4	73.6	73.7	73.9	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	71.2	74.6	74.8	74.9	75.1	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500	71.7	75.1	75.3	75.4	75.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4000	72.1	75.6	75.8	75.9	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500	72.3	75.8	76.0	76.1	76.3	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7
≥ 3000	72.7	76.3	76.5	76.7	76.8	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.2
≥ 2500	73.4	77.1	77.4	77.6	77.8	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2000	74.7	78.9	79.2	79.4	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	75.1	79.5	79.8	80.0	80.2	80.3	80.4	80.6	80.6	80.6	80.6	80.7	80.7
≥ 1500	76.3	81.0	81.4	81.6	81.8	81.9	82.0	82.2	82.2	82.3	82.3	82.3	82.3
≥ 1200	76.9	82.0	82.5	82.7	83.0	83.1	83.2	83.4	83.4	83.5	83.5	83.6	83.6
≥ 1000	77.7	83.3	84.1	84.3	84.7	84.7	84.9	85.1	85.1	85.3	85.3	85.4	85.4
≥ 900	78.1	84.0	84.8	85.1	85.6	85.6	85.8	86.1	86.1	86.2	86.3	86.4	86.4
≥ 800	78.4	84.7	85.5	85.8	86.3	86.4	86.6	86.9	86.9	87.0	87.1	87.2	87.2
≥ 700	78.8	85.4	86.3	86.6	87.3	87.3	87.6	87.8	87.8	88.0	88.1	88.1	88.1
≥ 600	79.0	86.0	86.8	87.3	88.0	88.0	88.4	88.7	88.7	88.8	88.9	89.0	89.0
≥ 500	79.2	86.5	87.4	88.1	89.0	89.2	89.6	90.0	90.0	90.2	90.3	90.3	90.3
≥ 400	79.2	87.0	88.1	89.1	90.4	90.7	91.3	91.9	91.9	92.1	92.3	92.3	92.3
≥ 300	79.4	87.3	88.5	89.7	91.5	91.8	92.7	93.5	93.5	94.0	94.2	94.3	94.3
≥ 200	79.4	87.5	88.7	89.9	91.9	92.2	93.4	94.3	94.3	95.2	95.7	95.9	95.9
≥ 100	79.4	87.5	88.7	90.0	92.0	92.3	93.6	94.6	94.6	95.8	96.6	97.1	97.1
≥ 0	79.4	87.5	88.7	90.0	92.0	92.3	93.6	94.6	94.6	95.8	96.7	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS

2763

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/DKLAHOMA CITY

43-72

STATION NAME

YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2
NO CEILING	56.5	58.7	58.8	59.0	59.3	59.4	59.5	59.5	59.6	59.6	59.7
≥ 20000	59.9	62.2	62.4	62.6	62.8	62.9	63.1	63.1	63.2	63.2	63.3
≥ 18000	60.3	62.6	62.8	63.0	63.2	63.3	63.5	63.5	63.6	63.6	63.7
≥ 16000	60.3	62.6	62.8	63.0	63.2	63.3	63.5	63.5	63.6	63.6	63.7
≥ 14000	61.4	63.8	63.9	64.1	64.4	64.5	64.7	64.7	64.8	64.8	64.9
≥ 12000	61.8	64.4	64.5	64.7	65.0	65.0	65.2	65.2	65.3	65.4	65.5
≥ 10000	63.0	65.7	65.9	66.1	66.3	66.5	66.7	66.7	66.7	66.8	66.9
≥ 9000	63.2	65.9	66.1	66.3	66.5	66.7	66.8	66.9	67.0	67.0	67.1
≥ 8000	64.1	66.8	67.0	67.2	67.5	67.6	67.8	67.8	67.9	67.9	68.0
≥ 7000	65.1	67.8	67.9	68.2	68.4	68.5	68.7	68.7	68.8	68.9	69.0
≥ 6000	65.6	68.3	68.4	68.7	68.9	69.0	69.2	69.2	69.3	69.3	69.4
≥ 5000	67.3	70.1	70.2	70.5	70.7	70.8	71.0	71.1	71.1	71.2	71.3
≥ 4500	67.8	70.8	71.0	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0
≥ 4000	68.2	71.4	71.6	71.8	72.1	72.2	72.4	72.4	72.5	72.6	72.6
≥ 3500	68.9	72.1	72.4	72.6	72.9	73.0	73.2	73.2	73.3	73.3	73.4
≥ 3000	69.8	73.4	73.6	73.9	74.1	74.3	74.5	74.5	74.6	74.6	74.7
≥ 2500	70.9	74.9	75.2	75.5	75.8	75.9	76.1	76.1	76.2	76.2	76.3
≥ 2000	72.3	76.5	76.8	77.1	77.4	77.5	77.7	77.8	77.9	77.9	78.0
≥ 1800	72.9	77.3	77.6	78.0	78.2	78.4	78.6	78.6	78.8	78.8	78.9
≥ 1500	74.3	78.9	79.2	79.6	80.0	80.2	80.3	80.4	80.6	80.7	80.7
≥ 1200	74.8	80.1	80.5	80.8	81.3	81.5	81.7	81.7	82.0	82.1	82.1
≥ 1000	75.6	81.3	81.7	82.1	82.6	82.8	83.1	83.2	83.4	83.5	83.5
≥ 900	76.1	82.0	82.5	83.1	83.6	83.8	84.0	84.1	84.3	84.4	84.4
≥ 800	76.5	82.7	83.3	83.9	84.4	84.6	84.9	84.9	85.1	85.2	85.3
≥ 700	76.7	83.3	83.9	84.6	85.1	85.3	85.6	85.7	86.0	86.0	86.1
≥ 600	77.1	84.4	85.3	86.0	86.6	86.9	87.2	87.3	87.6	87.7	87.8
≥ 500	77.3	85.0	86.1	86.9	87.6	87.9	88.5	88.6	89.0	89.1	89.2
≥ 400	77.6	86.1	87.4	88.3	89.2	89.6	90.3	90.5	90.9	91.1	91.2
≥ 300	77.6	86.3	87.7	88.8	89.9	90.4	91.4	91.6	92.3	92.4	92.5
≥ 200	77.6	86.4	87.9	89.4	90.5	91.2	92.4	92.7	94.0	94.2	94.4
≥ 100	77.6	86.5	87.9	89.4	90.6	91.2	92.7	93.1	95.0	95.7	96.3
≥ 0	77.6	86.5	87.9	89.4	90.6	91.2	92.7	93.1	95.1	95.8	96.5

2463

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM
JUL 64

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72

FEB
MONTH

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	54.1	56.5	56.7	57.0	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.5
≥ 20000	58.0	60.5	60.8	61.1	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.6
≥ 18000	58.3	60.8	61.1	61.4	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.9
≥ 16000	58.4	60.8	61.1	61.4	61.6	61.7	61.7	61.8	61.8	61.8	61.9	61.9
≥ 14000	59.1	61.7	61.9	62.2	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7
≥ 12000	59.6	62.3	62.6	62.9	63.1	63.1	63.2	63.2	63.2	63.3	63.4	63.4
≥ 10000	60.8	63.6	63.9	64.2	64.4	64.5	64.5	64.6	64.6	64.6	64.7	64.7
≥ 9000	61.2	64.0	64.3	64.6	64.8	64.8	64.9	64.9	64.9	65.0	65.1	65.1
≥ 8000	61.7	64.6	64.9	65.2	65.4	65.4	65.5	65.6	65.6	65.6	65.7	65.7
≥ 7000	62.8	65.7	66.0	66.3	66.5	66.5	66.6	66.7	66.7	66.7	66.8	66.8
≥ 6000	63.4	66.4	66.7	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.5
≥ 5000	64.6	67.7	68.0	68.3	68.5	68.6	68.6	68.7	68.7	68.7	68.8	68.8
≥ 4500	65.2	68.5	68.8	69.1	69.3	69.3	69.4	69.5	69.5	69.5	69.6	69.6
≥ 4000	65.8	69.1	69.5	69.8	70.0	70.0	70.1	70.2	70.2	70.2	70.3	70.3
≥ 3500	66.6	69.9	70.3	70.6	70.8	70.9	71.0	71.0	71.0	71.1	71.2	71.2
≥ 3000	67.8	71.4	71.8	72.1	72.4	72.5	72.5	72.6	72.6	72.7	72.7	72.8
≥ 2500	69.0	72.9	73.4	73.7	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.4
≥ 2000	70.2	74.5	75.0	75.3	75.6	75.7	75.8	75.9	75.9	76.0	76.0	76.1
≥ 1800	70.8	75.2	75.7	76.0	76.3	76.4	76.6	76.6	76.6	76.7	76.8	76.8
≥ 1500	71.9	76.4	76.8	77.2	77.6	77.7	77.9	77.9	77.9	78.0	78.1	78.1
≥ 1200	72.9	78.1	78.7	79.1	79.7	79.7	80.0	80.1	80.1	80.2	80.3	80.3
≥ 1000	73.6	79.3	80.1	80.5	81.2	81.3	81.6	81.8	81.8	81.9	82.0	82.0
≥ 900	73.8	79.7	80.5	81.0	81.7	81.7	82.1	82.2	82.2	82.3	82.5	82.5
≥ 800	74.4	80.5	81.4	81.9	82.7	82.7	83.2	83.3	83.3	83.5	83.6	83.7
≥ 700	74.7	81.2	82.3	82.9	83.7	83.8	84.3	84.5	84.5	84.7	84.8	84.9
≥ 600	75.1	82.3	83.4	84.0	84.9	85.0	85.7	85.9	85.9	86.1	86.3	86.4
≥ 500	75.1	83.1	84.5	85.2	86.4	86.5	87.2	87.4	87.4	87.7	87.9	88.0
≥ 400	75.3	83.5	85.2	86.1	87.7	87.8	88.9	89.2	89.2	89.6	89.8	90.0
≥ 300	75.3	83.9	85.6	86.9	88.7	88.9	90.3	90.9	90.9	91.7	92.1	92.4
≥ 200	75.4	84.1	85.8	87.2	89.1	89.4	91.1	91.9	92.0	93.1	93.8	94.2
≥ 100	75.4	84.1	85.8	87.2	89.1	89.4	91.3	92.1	92.3	93.9	94.8	95.8
≥ 0	75.4	84.1	85.8	87.2	89.1	89.4	91.3	92.1	92.3	94.0	95.0	96.1

TOTAL NUMBER OF OBSERVATIONS 2462

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

FEB
MONTH

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	47.0	50.2	50.9	51.1	51.2	51.2	51.3	51.5	51.5	51.6	51.6	51.7
≥ 20000	52.1	55.8	56.5	56.7	56.8	56.8	57.0	57.2	57.2	57.2	57.2	57.3
≥ 18000	52.2	55.9	56.6	56.8	56.9	57.0	57.1	57.3	57.3	57.3	57.4	57.4
≥ 16000	52.4	56.0	56.7	56.9	57.0	57.1	57.2	57.4	57.4	57.4	57.5	57.5
≥ 14000	53.4	57.1	57.8	58.0	58.1	58.1	58.3	58.5	58.5	58.5	58.5	58.6
≥ 12000	54.7	58.4	59.1	59.3	59.4	59.5	59.6	59.8	59.8	59.8	59.9	59.9
≥ 10000	56.3	60.2	60.9	61.1	61.2	61.3	61.4	61.6	61.6	61.6	61.7	61.7
≥ 9000	57.0	60.9	61.6	61.8	62.0	62.0	62.1	62.3	62.3	62.4	62.4	62.4
≥ 8000	57.6	61.5	62.2	62.4	62.5	62.6	62.7	62.9	62.9	63.0	63.0	63.0
≥ 7000	58.5	62.4	63.2	63.3	63.5	63.5	63.7	63.9	63.9	63.9	64.0	64.0
≥ 6000	59.1	63.4	64.1	64.3	64.4	64.5	64.6	64.8	64.8	64.8	64.9	64.9
≥ 5000	60.2	64.5	65.2	65.4	65.6	65.7	65.8	66.0	66.0	66.1	66.1	66.1
≥ 4500	60.6	65.0	65.8	66.0	66.1	66.2	66.3	66.6	66.6	66.6	66.7	66.7
≥ 4000	61.6	66.2	67.0	67.2	67.3	67.4	67.6	67.8	67.8	67.9	67.9	68.0
≥ 3500	62.2	66.7	67.5	67.7	67.9	68.0	68.1	68.4	68.4	68.4	68.5	68.5
≥ 3000	63.1	67.8	68.6	68.8	69.0	69.1	69.2	69.5	69.5	69.5	69.6	69.6
≥ 2500	64.4	69.4	70.3	70.7	70.9	71.0	71.2	71.5	71.5	71.6	71.6	71.7
≥ 2000	65.5	70.9	71.9	72.3	72.6	72.6	72.8	73.1	73.1	73.2	73.3	73.3
≥ 1800	65.9	71.3	72.3	72.8	73.1	73.2	73.4	73.7	73.7	73.8	73.8	73.9
≥ 1500	66.6	72.6	73.7	74.2	74.6	74.7	74.9	75.2	75.2	75.3	75.4	75.4
≥ 1200	68.1	75.0	76.0	76.7	77.1	77.2	77.5	77.8	77.8	77.9	78.0	78.1
≥ 1000	68.8	76.1	77.2	78.0	78.5	78.6	78.9	79.3	79.3	79.4	79.5	79.6
≥ 900	69.2	76.9	78.1	78.9	79.4	79.5	79.8	80.2	80.2	80.3	80.4	80.5
≥ 800	69.6	77.7	78.9	79.9	80.7	80.8	81.1	81.5	81.5	81.7	81.8	81.9
≥ 700	70.0	78.7	80.1	81.2	82.0	82.1	82.4	82.9	82.9	83.0	83.1	83.2
≥ 600	70.3	79.6	81.2	82.4	83.3	83.5	83.9	84.3	84.4	84.6	84.7	84.9
≥ 500	70.5	80.6	82.6	83.9	85.0	85.2	85.7	86.3	86.3	86.6	86.7	86.9
≥ 400	70.5	80.9	83.3	84.8	86.3	86.5	87.1	87.8	87.8	88.3	88.5	88.7
≥ 300	70.6	81.1	83.7	85.4	87.2	87.5	88.3	89.1	89.3	90.2	90.6	91.1
≥ 200	70.7	81.3	83.8	85.7	87.6	87.8	89.1	90.4	90.7	92.2	92.8	93.6
≥ 100	70.7	81.3	83.8	85.7	87.6	88.0	89.2	90.7	91.0	92.8	93.9	95.2
≥ 0	70.7	81.3	83.8	85.7	87.6	88.0	89.2	90.7	91.0	92.8	94.0	95.4

2460

TOTAL NUMBER OF OBSERVATIONS

FORM 13919-1 (10-64) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/DKLAHOMA CITY

43-72

STATION NAME

YEARS

FEB
MONTH

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	43.6	48.2	48.8	49.0	49.1	49.1	49.3	49.5	49.5	49.5	49.5	49.6	49.6
≥ 20000	51.1	56.4	57.1	57.5	57.6	57.6	57.9	58.0	58.0	58.0	58.0	58.1	58.1
≥ 18000	51.4	56.8	57.4	57.8	57.9	57.9	58.2	58.3	58.3	58.3	58.3	58.4	58.4
≥ 16000	51.6	56.9	57.5	57.9	58.0	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.5
≥ 14000	52.0	57.3	58.0	58.3	58.5	58.5	58.7	58.9	58.9	59.0	59.0	59.1	59.1
≥ 12000	53.9	59.3	59.9	60.3	60.4	60.5	60.7	60.8	60.9	60.9	60.9	61.0	61.0
≥ 10000	56.3	61.7	62.4	62.8	62.9	62.9	63.2	63.3	63.3	63.4	63.4	63.5	63.5
≥ 9000	56.8	62.3	63.0	63.4	63.5	63.5	63.8	63.9	63.9	64.0	64.0	64.1	64.1
≥ 8000	57.7	63.4	64.1	64.4	64.6	64.6	64.8	65.0	65.0	65.1	65.1	65.2	65.2
≥ 7000	58.7	64.5	65.2	65.5	65.7	65.7	65.9	66.1	66.1	66.2	66.2	66.3	66.3
≥ 6000	59.5	65.3	66.0	66.3	66.5	66.5	66.7	66.9	66.9	67.0	67.0	67.1	67.1
≥ 5000	60.3	66.4	67.2	67.6	67.8	67.8	68.1	68.3	68.3	68.3	68.4	68.5	68.5
≥ 4500	60.5	66.8	67.6	68.0	68.3	68.3	68.5	68.7	68.7	68.7	68.8	68.9	68.9
≥ 4000	60.7	67.0	67.8	68.2	68.5	68.5	68.7	68.9	68.9	68.9	69.0	69.1	69.1
≥ 3500	61.1	67.6	68.4	68.7	69.0	69.0	69.3	69.4	69.4	69.5	69.5	69.6	69.6
≥ 3000	61.9	68.5	69.3	69.8	70.0	70.0	70.3	70.4	70.5	70.6	70.6	70.7	70.7
≥ 2500	62.9	69.9	70.7	71.1	71.5	71.5	71.8	71.9	72.0	72.0	72.1	72.1	72.1
≥ 2000	64.2	71.5	72.4	72.9	73.2	73.3	73.6	73.7	73.8	73.8	73.9	74.0	74.0
≥ 1800	64.4	71.8	72.7	73.2	73.5	73.6	73.9	74.0	74.1	74.1	74.2	74.3	74.3
≥ 1500	65.6	73.4	74.3	74.8	75.4	75.5	75.8	76.0	76.0	76.1	76.2	76.2	76.2
≥ 1200	66.4	75.2	76.2	76.7	77.3	77.4	77.9	78.0	78.1	78.2	78.3	78.4	78.4
≥ 1000	67.3	76.9	78.0	78.8	79.6	79.7	80.2	80.4	80.5	80.6	80.7	80.8	80.8
≥ 900	67.5	77.3	78.6	79.5	80.3	80.4	80.9	81.1	81.2	81.3	81.4	81.4	81.4
≥ 800	67.8	78.3	79.7	80.7	81.6	81.8	82.3	82.5	82.7	82.8	82.9	83.0	83.0
≥ 700	68.1	79.3	81.0	82.1	83.2	83.4	83.8	84.2	84.4	84.5	84.6	84.7	84.7
≥ 600	68.3	80.2	82.3	83.8	85.1	85.3	85.8	86.2	86.4	86.7	86.8	86.9	86.9
≥ 500	68.4	80.9	83.2	85.0	86.6	87.0	87.5	88.1	88.4	88.8	88.8	89.0	89.0
≥ 400	68.4	81.1	83.7	85.9	87.9	88.2	89.0	90.1	90.4	90.9	90.9	91.1	91.1
≥ 300	68.4	81.4	84.0	86.4	88.7	89.3	90.7	92.3	92.8	93.6	93.8	94.0	94.1
≥ 200	68.4	81.5	84.1	86.6	89.0	89.6	91.1	93.0	93.5	94.7	95.3	96.1	96.2
≥ 100	68.4	81.6	84.2	86.7	89.1	89.6	91.2	93.1	93.7	95.0	95.7	96.9	97.2
≥ 0	68.4	81.6	84.2	86.7	89.1	89.6	91.2	93.1	93.7	95.0	95.7	97.0	97.4

2463

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 YEAR FEB MONTH 1200-1400 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	46.3	50.3	50.5	50.6	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	56.2	61.2	61.5	61.6	61.8	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	56.6	61.7	61.9	62.1	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000	57.1	62.1	62.4	62.5	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	57.5	62.6	62.8	63.0	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	59.4	64.7	65.1	65.2	65.4	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	61.0	66.6	66.9	67.1	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	61.5	67.2	67.5	67.7	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	62.5	68.2	68.5	68.7	68.9	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	63.5	69.3	69.7	69.8	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	64.0	69.8	70.3	70.4	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	64.8	70.7	71.1	71.3	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	65.0	70.9	71.4	71.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4000	65.2	71.1	71.6	71.8	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	65.8	71.8	72.3	72.5	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	67.2	73.4	73.9	74.0	74.4	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500	68.4	75.0	75.5	75.7	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2000	69.9	76.9	77.6	77.8	78.2	78.3	78.6	78.6	78.6	78.7	78.8	78.8	78.8
≥ 1800	70.7	77.9	78.5	78.7	79.2	79.3	79.6	79.6	79.6	79.7	79.8	79.8	79.8
≥ 1500	72.1	79.8	80.5	80.9	81.3	81.4	81.7	81.8	81.8	81.8	82.0	82.0	82.0
≥ 1200	73.2	81.9	82.8	83.3	83.8	83.9	84.3	84.4	84.4	84.6	84.7	84.7	84.7
≥ 1000	73.7	83.5	84.4	85.0	85.6	85.8	86.3	86.4	86.4	86.6	86.8	86.8	86.8
≥ 900	74.0	84.3	85.3	86.0	86.7	86.9	87.4	87.5	87.5	87.7	87.9	87.9	87.9
≥ 800	74.3	85.3	86.4	87.3	88.1	88.3	88.8	89.0	89.0	89.2	89.4	89.4	89.4
≥ 700	74.4	86.0	87.4	88.4	89.2	89.4	90.0	90.4	90.5	90.7	90.9	90.9	90.9
≥ 600	74.6	86.5	88.2	89.2	90.2	90.5	91.1	91.5	91.6	92.0	92.1	92.2	92.2
≥ 500	74.7	86.9	88.8	90.1	91.5	91.9	92.7	93.5	93.6	94.1	94.4	94.4	94.4
≥ 400	74.7	87.4	89.4	90.7	92.3	92.8	93.9	94.8	94.9	95.5	95.8	95.9	95.9
≥ 300	74.7	87.4	89.5	90.9	92.6	93.2	94.6	95.8	96.0	96.9	97.3	97.4	97.4
≥ 200	74.7	87.4	89.6	91.0	92.8	93.4	94.9	96.3	96.4	97.7	98.2	98.4	98.6
≥ 100	74.7	87.4	89.6	91.0	92.8	93.4	95.0	96.3	96.5	97.8	98.4	98.9	99.0
≥ 0	74.7	87.4	89.6	91.0	92.8	93.4	95.0	96.3	96.5	97.8	98.5	98.9	99.1

TOTAL NUMBER OF OBSERVATIONS 2461

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS FEB MONTH 1500-1700 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	49.9	52.4	52.6	52.8	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
≥ 2000	60.8	64.5	64.8	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1800	61.2	64.8	65.1	65.4	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
≥ 1600	61.5	65.1	65.4	65.7	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0
≥ 1400	62.2	65.9	66.2	66.4	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8
≥ 1200	63.7	67.5	67.7	68.0	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 1000	65.1	69.0	69.3	69.6	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
≥ 900	65.5	69.5	69.8	70.1	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4
≥ 800	66.8	71.0	71.2	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8
≥ 700	67.5	71.8	72.1	72.3	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7
≥ 600	68.4	72.7	73.1	73.4	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7
≥ 500	69.4	73.9	74.3	74.6	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0
≥ 4500	69.7	74.4	74.8	75.1	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5
≥ 4000	70.3	75.1	75.5	75.8	76.1	76.2	76.2	76.2	76.4	76.4	76.4	76.4
≥ 3500	70.7	75.7	76.1	76.4	76.6	76.7	76.8	76.8	77.0	77.0	77.0	77.0
≥ 3000	71.8	76.8	77.3	77.5	77.9	77.9	78.0	78.0	78.2	78.2	78.2	78.2
≥ 2500	73.3	78.6	79.0	79.4	79.7	79.8	79.9	79.9	80.1	80.1	80.1	80.1
≥ 2000	74.9	80.9	81.4	81.8	82.1	82.2	82.3	82.3	82.5	82.5	82.5	82.5
≥ 1800	75.2	81.5	82.0	82.4	82.8	82.9	83.0	83.0	83.2	83.2	83.2	83.2
≥ 1500	76.2	83.3	83.9	84.4	84.7	84.9	85.0	85.1	85.4	85.4	85.4	85.4
≥ 1200	77.1	85.0	85.8	86.2	86.6	86.8	86.9	87.1	87.5	87.5	87.5	87.5
≥ 1000	77.7	86.5	87.3	87.9	88.3	88.5	88.8	89.0	89.4	89.4	89.5	89.5
≥ 900	77.9	87.1	88.0	88.5	89.0	89.2	89.6	89.9	90.3	90.3	90.4	90.4
≥ 800	78.1	87.5	88.3	88.9	89.6	89.9	90.4	90.8	91.3	91.3	91.3	91.3
≥ 700	78.2	87.7	88.6	89.3	90.1	90.4	91.2	91.5	92.0	92.1	92.1	92.1
≥ 600	78.3	88.2	89.3	90.1	90.9	91.2	92.0	92.5	93.0	93.1	93.1	93.1
≥ 500	78.4	88.5	89.7	90.6	91.7	92.1	93.0	93.6	94.2	94.4	94.5	94.5
≥ 400	78.4	88.7	89.9	90.9	92.2	92.7	93.9	94.8	95.6	95.8	96.0	96.1
≥ 300	78.4	88.8	90.0	91.1	92.0	93.0	94.5	95.5	96.1	97.1	97.3	97.5
≥ 200	78.4	88.8	90.1	91.3	92.7	93.2	94.8	95.8	96.1	97.4	98.0	98.7
≥ 100	78.4	88.8	90.1	91.3	92.7	93.2	95.0	96.1	96.3	97.8	98.5	99.5
≥ 0	78.4	88.8	90.1	91.3	92.7	93.2	95.0	96.1	96.3	97.8	98.6	99.2

TOTAL NUMBER OF OBSERVATIONS 2458

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-7

FEB

STATION NAME

YEARS

1800-2000
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	54.8	57.2	57.4	57.7	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 2000	62.7	65.6	65.8	66.1	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1800	62.9	65.6	65.9	66.2	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1600	63.0	65.8	66.0	66.3	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 1400	64.1	66.9	67.2	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 1200	65.3	68.1	68.4	68.7	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 1000	67.0	70.0	70.3	70.6	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 900	67.5	70.7	71.0	71.3	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 800	68.5	71.7	72.0	72.3	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 700	69.2	72.5	72.9	73.2	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 600	70.1	73.6	73.9	74.2	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 500	71.2	74.8	75.2	75.4	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 450	71.6	75.6	76.0	76.3	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 400	72.1	76.3	76.6	76.9	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 350	72.8	77.1	77.4	77.8	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 300	73.4	78.2	78.5	78.8	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 250	74.6	80.0	80.4	80.7	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 200	76.1	81.8	82.3	82.6	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	76.5	82.6	83.1	83.4	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	77.2	83.9	84.5	85.0	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1200	77.8	85.3	85.9	86.3	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	78.5	86.6	87.4	87.8	88.4	88.5	88.7	88.8	88.9	89.0	89.0	89.0	89.0
≥ 900	78.5	86.9	87.8	88.3	88.9	89.0	89.2	89.3	89.4	89.5	89.5	89.5	89.5
≥ 800	78.7	87.6	88.5	89.2	89.9	90.0	90.3	90.4	90.5	90.6	90.6	90.6	90.6
≥ 700	78.9	88.1	89.2	89.9	90.6	90.8	91.2	91.4	91.5	91.7	91.7	91.7	91.7
≥ 600	78.9	88.4	89.5	90.4	91.3	91.5	92.0	92.3	92.4	92.6	92.6	92.6	92.6
≥ 500	79.1	88.7	90.0	91.0	92.0	92.2	92.9	93.2	93.3	93.7	93.7	93.7	93.7
≥ 400	79.1	88.9	90.4	91.6	93.0	93.3	94.1	94.6	95.3	95.4	95.4	95.4	95.4
≥ 300	79.1	88.9	90.6	91.9	93.6	93.9	94.9	95.5	96.5	96.6	96.6	96.6	96.6
≥ 200	79.1	89.0	90.7	92.2	94.0	94.3	95.6	96.3	96.7	97.5	97.9	98.0	98.4
≥ 100	79.1	89.0	90.7	92.2	94.0	94.3	95.7	96.5	96.8	97.8	98.3	98.9	99.0
≥ 0	79.1	89.0	90.7	92.2	94.0	94.3	95.7	96.5	96.8	97.8	98.4	99.1	99.2

2459

TOTAL NUMBER OF OBSERVATIONS

FORM 0-12.5 (2-1) 1-1-60

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

FEB

STATION NAME

YEARS

MCNTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	58.1	60.2	60.7	60.9	61.1	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.5
≥ 20000	62.6	64.9	65.4	65.6	65.9	65.9	66.1	66.2	66.2	66.2	66.2	66.3	66.4
≥ 18000	62.6	64.9	65.4	65.6	65.9	65.9	66.1	66.2	66.2	66.2	66.2	66.3	66.4
≥ 16000	62.8	65.1	65.6	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.4	66.4	66.5
≥ 14000	63.6	66.0	66.5	66.7	66.9	66.9	67.1	67.2	67.2	67.3	67.3	67.4	67.5
≥ 12000	64.5	66.9	67.4	67.6	67.9	67.9	68.1	68.2	68.2	68.2	68.2	68.3	68.4
≥ 10000	66.0	68.4	68.9	69.2	69.4	69.4	69.7	69.7	69.7	69.8	69.8	69.9	70.0
≥ 9000	66.3	68.8	69.3	69.6	69.8	69.8	70.1	70.1	70.1	70.2	70.2	70.3	70.4
≥ 8000	67.1	69.7	70.2	70.5	70.7	70.7	71.0	71.0	71.0	71.1	71.1	71.2	71.3
≥ 7000	67.7	70.4	70.9	71.1	71.4	71.4	71.6	71.7	71.7	71.7	71.8	71.8	71.9
≥ 6000	68.4	71.1	71.6	71.8	72.0	72.0	72.3	72.4	72.4	72.4	72.5	72.5	72.6
≥ 5000	70.0	72.9	73.4	73.7	73.9	74.2	74.2	74.2	74.2	74.3	74.3	74.4	74.5
≥ 4500	70.7	73.6	74.2	74.4	74.7	74.9	75.0	75.0	75.0	75.1	75.1	75.2	75.3
≥ 4000	71.6	74.6	75.2	75.5	75.8	75.8	76.0	76.1	76.1	76.2	76.2	76.3	76.4
≥ 3500	71.9	75.1	75.7	76.1	76.3	76.3	76.6	76.6	76.6	76.7	76.7	76.8	76.9
≥ 3000	72.6	76.0	76.6	77.0	77.2	77.2	77.5	77.6	77.6	77.6	77.7	77.7	77.8
≥ 2500	73.6	77.5	78.2	78.5	78.9	78.9	79.1	79.2	79.2	79.2	79.3	79.4	79.5
≥ 2000	74.9	78.9	79.7	80.0	80.4	80.4	80.7	80.8	80.8	80.9	80.9	81.0	81.1
≥ 1800	75.4	79.8	80.5	80.9	81.3	81.3	81.6	81.7	81.7	81.7	81.8	81.8	81.9
≥ 1500	76.4	81.3	82.2	82.7	83.0	83.1	83.3	83.4	83.4	83.5	83.5	83.6	83.7
≥ 1200	77.4	82.8	83.7	84.3	84.8	84.9	85.2	85.3	85.4	85.5	85.6	85.6	85.8
≥ 1000	78.0	83.9	84.8	85.4	86.0	86.0	86.4	86.5	86.5	86.7	86.7	86.8	87.0
≥ 900	78.3	84.7	85.6	86.3	86.8	86.9	87.2	87.3	87.4	87.5	87.6	87.7	87.8
≥ 800	78.8	85.6	86.7	87.4	87.9	88.0	88.3	88.4	88.5	88.6	88.7	88.8	88.9
≥ 700	79.0	86.3	87.5	88.2	88.8	88.8	89.2	89.3	89.3	89.5	89.5	89.6	89.8
≥ 600	79.2	87.0	88.4	89.1	89.7	89.8	90.1	90.3	90.3	90.6	90.6	90.7	90.9
≥ 500	79.4	87.7	89.6	90.5	91.2	91.3	91.7	91.9	91.9	92.2	92.3	92.3	92.5
≥ 400	79.4	88.0	89.9	91.1	92.0	92.2	92.6	92.9	92.9	93.3	93.4	93.5	93.7
≥ 300	79.4	88.4	90.5	92.0	93.3	93.5	94.2	94.6	94.6	95.2	95.3	95.4	95.6
≥ 200	79.4	88.6	90.9	92.5	94.1	94.4	95.1	95.7	95.8	96.7	96.9	97.0	97.4
≥ 100	79.4	88.7	91.0	92.6	94.2	94.5	95.4	96.0	96.3	97.3	97.8	98.3	98.6
≥ 0	79.4	88.7	91.0	92.6	94.2	94.5	95.4	96.0	96.3	97.3	97.9	98.6	99.1

TOTAL NUMBER OF OBSERVATIONS

2465

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAC

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

MARK
MONTH

0600-0200
HOURS (LST)

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.3	61.7	62.1	62.3	62.3	62.4	62.5	62.6	62.6	62.8	62.8	62.8	62.8	62.8
≥ 20000	64.0	66.6	67.0	67.2	67.2	67.3	67.3	67.5	67.5	67.6	67.7	67.7	67.7	67.7
≥ 18000	64.4	67.0	67.4	67.6	67.7	67.7	67.8	68.0	68.0	68.1	68.1	68.1	68.2	68.2
≥ 16000	64.8	67.3	67.7	67.9	68.0	68.0	68.1	68.3	68.3	68.5	68.5	68.5	68.5	68.5
≥ 14000	65.6	68.2	68.6	68.8	68.9	68.9	69.0	69.2	69.2	69.3	69.3	69.3	69.4	69.4
≥ 12000	66.8	69.5	69.9	70.1	70.2	70.2	70.3	70.5	70.5	70.6	70.6	70.6	70.7	70.7
≥ 10000	68.3	71.1	71.6	71.7	71.8	71.8	71.9	72.1	72.1	72.3	72.3	72.3	72.3	72.3
≥ 9000	68.5	71.4	71.8	72.0	72.1	72.1	72.2	72.4	72.4	72.6	72.6	72.6	72.6	72.6
≥ 8000	69.4	72.4	72.9	73.1	73.2	73.2	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6
≥ 7000	70.3	73.4	73.9	74.0	74.1	74.2	74.2	74.4	74.4	74.6	74.6	74.6	74.6	74.6
≥ 6000	70.8	74.0	74.5	74.7	74.8	74.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2
≥ 5000	72.3	75.6	76.1	76.3	76.4	76.4	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8
≥ 4500	73.1	76.7	77.2	77.4	77.5	77.5	77.6	77.8	77.8	77.9	77.9	77.9	78.0	78.0
≥ 4000	73.7	77.5	78.0	78.2	78.2	78.3	78.3	78.5	78.5	78.6	78.7	78.7	78.7	78.7
≥ 3500	74.3	78.2	78.6	78.8	78.9	78.9	79.0	79.2	79.2	79.3	79.4	79.4	79.4	79.4
≥ 3000	75.4	79.5	80.0	80.2	80.3	80.3	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8
≥ 2500	76.1	80.4	80.9	81.2	81.3	81.3	81.4	81.6	81.6	81.8	81.8	81.8	81.8	81.8
≥ 2000	77.7	82.3	82.9	83.1	83.2	83.3	83.4	83.6	83.6	83.8	83.8	83.8	83.8	83.8
≥ 1800	78.2	83.1	83.6	83.9	84.0	84.0	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6
≥ 1500	79.8	85.1	85.7	85.9	86.1	86.2	86.4	86.6	86.6	86.7	86.7	86.7	86.8	86.8
≥ 1200	80.9	86.7	87.3	87.6	87.8	87.9	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5
≥ 1000	81.5	87.8	88.4	88.8	89.0	89.0	89.3	89.5	89.5	89.6	89.7	89.7	89.7	89.7
≥ 900	82.2	88.7	89.4	89.7	89.9	90.0	90.2	90.5	90.5	90.6	90.6	90.6	90.7	90.7
≥ 800	82.8	89.4	90.1	90.5	90.7	90.8	91.1	91.3	91.3	91.5	91.5	91.5	91.5	91.5
≥ 700	83.3	90.3	91.1	91.6	91.9	91.9	92.2	92.5	92.6	92.8	92.8	92.8	92.8	92.8
≥ 600	83.4	90.8	91.8	92.3	92.6	92.7	93.0	93.3	93.4	93.6	93.6	93.6	93.6	93.6
≥ 500	83.6	91.4	92.5	93.1	93.5	93.6	94.0	94.3	94.4	94.6	94.6	94.6	94.7	94.7
≥ 400	83.7	91.8	93.1	93.8	94.2	94.4	95.0	95.3	95.4	95.6	95.8	95.8	95.8	95.8
≥ 300	83.7	91.9	93.4	94.2	94.8	95.1	95.7	96.2	96.3	96.6	96.9	96.9	96.9	96.9
≥ 200	83.7	92.0	93.5	94.4	95.2	95.6	96.5	97.2	97.4	97.9	98.2	98.3	98.4	98.5
≥ 100	83.7	92.0	93.5	94.4	95.2	95.6	96.6	97.3	97.4	98.1	98.5	98.8	99.2	99.3
≥ 0	83.7	92.0	93.5	94.4	95.2	95.6	96.6	97.3	97.5	98.1	98.5	98.9	99.4	100.0

2682

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

MAR

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	56.7	59.0	59.4	59.6	59.9	60.1	60.1	60.2	60.2	60.4	60.4	60.4	60.4
≥ 20000	60.7	63.2	63.6	63.8	64.2	64.4	64.4	64.5	64.5	64.7	64.7	64.7	64.7
≥ 18000	61.0	63.4	63.9	64.1	64.5	64.7	64.7	64.8	64.8	64.9	65.0	65.0	65.0
≥ 16000	61.2	63.6	64.1	64.3	64.7	64.9	64.9	65.0	65.0	65.1	65.2	65.2	65.2
≥ 14000	61.9	64.3	64.8	65.0	65.4	65.5	65.5	65.7	65.7	65.8	65.8	65.8	65.8
≥ 12000	63.1	65.5	66.0	66.2	66.6	66.8	66.8	66.9	66.9	67.0	67.1	67.1	67.1
≥ 10000	65.0	67.5	67.9	68.2	68.5	68.7	68.8	68.8	68.8	69.0	69.0	69.0	69.0
≥ 9000	65.5	68.0	68.5	68.7	69.1	69.3	69.3	69.4	69.4	69.5	69.6	69.6	69.6
≥ 8000	66.4	69.1	69.6	69.8	70.2	70.4	70.5	70.5	70.5	70.7	70.7	70.7	70.7
≥ 7000	67.2	69.9	70.4	70.6	71.0	71.2	71.2	71.3	71.3	71.5	71.5	71.5	71.5
≥ 6000	67.9	70.6	71.1	71.4	71.7	71.9	72.0	72.1	72.1	72.2	72.3	72.3	72.3
≥ 5000	69.0	71.9	72.4	72.7	73.1	73.3	73.3	73.4	73.4	73.6	73.6	73.6	73.6
≥ 4500	69.8	73.2	73.8	74.1	74.5	74.6	74.7	74.8	74.8	75.0	75.0	75.0	75.0
≥ 4000	70.4	74.0	74.6	74.9	75.3	75.5	75.5	75.6	75.6	75.8	75.8	75.8	75.8
≥ 3500	71.7	75.4	76.1	76.4	76.8	77.0	77.1	77.2	77.2	77.4	77.4	77.4	77.4
≥ 3000	72.7	76.8	77.5	77.9	78.3	78.5	78.6	78.7	78.7	78.8	78.9	78.9	78.9
≥ 2500	74.3	78.7	79.4	79.8	80.2	80.4	80.5	80.6	80.6	80.7	80.8	80.8	80.8
≥ 2000	74.9	79.3	80.0	80.4	80.8	81.0	81.1	81.2	81.2	81.3	81.4	81.4	81.4
≥ 1800	76.4	81.0	81.9	82.2	82.8	83.0	83.1	83.2	83.2	83.4	83.4	83.4	83.4
≥ 1500	78.6	83.8	84.7	85.0	85.5	85.8	85.9	86.0	86.0	86.2	86.3	86.3	86.3
≥ 1200	79.5	85.2	86.1	86.5	87.0	87.3	87.4	87.5	87.5	87.7	87.7	87.7	87.7
≥ 1000	80.1	86.0	86.9	87.3	87.8	88.0	88.1	88.2	88.3	88.5	88.5	88.6	88.6
≥ 900	80.6	87.3	88.4	88.8	89.4	89.6	89.7	89.8	89.9	90.1	90.2	90.2	90.2
≥ 800	81.2	88.3	89.6	90.2	90.8	91.1	91.2	91.4	91.4	91.6	91.7	91.8	91.8
≥ 700	81.5	89.2	90.6	91.3	92.0	92.3	92.4	92.6	92.6	92.8	92.9	93.0	93.0
≥ 600	81.6	89.6	91.1	92.1	93.0	93.3	93.6	93.8	93.8	94.0	94.1	94.2	94.2
≥ 500	81.9	90.1	91.9	93.1	94.1	94.5	95.0	95.3	95.3	95.6	95.6	95.7	95.7
≥ 400	82.0	90.4	92.3	93.6	94.7	95.0	95.8	96.2	96.3	96.6	96.7	96.8	96.8
≥ 300	82.0	90.4	92.3	93.8	94.9	95.3	96.3	96.8	96.9	97.4	97.7	97.9	97.9
≥ 200	82.0	90.4	92.4	93.9	95.0	95.4	96.5	97.0	97.1	97.8	98.2	98.5	98.5
≥ 100	82.0	90.4	92.4	93.9	95.0	95.4	96.5	97.0	97.1	97.8	98.2	98.5	98.5
≥ 0	82.0	90.4	92.4	93.9	95.0	95.4	96.5	97.0	97.1	97.8	98.2	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

2685

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

MAR

STATION NAME

YEARS

MONTH

0600-0800
HOURS (11-11)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	48.0	51.6	52.2	52.8	53.0	53.1	53.4	53.5	53.5	53.7	53.7	53.7	53.7
≥ 20000	53.4	57.6	58.2	58.9	59.1	59.1	59.4	59.6	59.6	59.7	59.7	59.7	59.8
≥ 18000	53.6	57.7	58.4	59.0	59.2	59.3	59.6	59.7	59.7	59.9	59.9	59.9	59.9
≥ 16000	53.8	57.9	58.6	59.3	59.4	59.5	59.8	59.9	59.9	60.1	60.1	60.1	60.1
≥ 14000	54.9	59.1	59.8	60.4	60.6	60.7	61.0	61.1	61.1	61.3	61.3	61.3	61.3
≥ 12000	56.2	60.6	61.3	62.0	62.2	62.2	62.5	62.7	62.7	62.8	62.8	62.9	62.9
≥ 10000	58.1	62.6	63.3	64.0	64.2	64.3	64.6	64.8	64.8	64.9	64.9	65.0	65.0
≥ 9000	58.5	63.0	63.7	64.5	64.6	64.8	65.1	65.2	65.2	65.4	65.4	65.4	65.4
≥ 8000	59.4	64.1	64.8	65.5	65.7	65.8	66.2	66.3	66.3	66.5	66.5	66.5	66.5
≥ 7000	60.4	65.2	66.0	66.7	66.9	67.0	67.3	67.5	67.5	67.6	67.6	67.7	67.7
≥ 6000	61.2	66.1	66.9	67.6	67.8	67.9	68.2	68.4	68.4	68.5	68.5	68.6	68.6
≥ 5000	62.3	67.8	68.5	69.2	69.4	69.5	69.9	70.0	70.0	70.2	70.2	70.2	70.2
≥ 4500	62.7	68.5	69.3	70.0	70.1	70.3	70.6	70.7	70.7	70.9	70.9	71.0	71.0
≥ 4000	63.0	68.8	69.6	70.3	70.5	70.6	70.9	71.1	71.1	71.3	71.3	71.3	71.3
≥ 3500	63.7	69.7	70.4	71.2	71.4	71.5	71.9	72.1	72.1	72.2	72.2	72.3	72.3
≥ 3000	64.4	70.6	71.4	72.1	72.4	72.5	73.0	73.1	73.1	73.3	73.3	73.4	73.4
≥ 2500	65.4	71.8	72.7	73.4	73.7	73.9	74.3	74.5	74.5	74.7	74.7	74.8	74.8
≥ 2000	66.6	73.6	74.5	75.2	75.6	75.8	76.2	76.4	76.4	76.6	76.6	76.7	76.7
≥ 1800	67.2	74.2	75.1	75.8	76.2	76.4	76.9	77.1	77.1	77.3	77.3	77.3	77.3
≥ 1500	68.4	75.9	76.8	77.6	78.1	78.3	78.8	79.0	79.0	79.2	79.2	79.3	79.3
≥ 1200	70.2	78.6	79.6	80.5	81.1	81.3	82.0	82.2	82.2	82.4	82.4	82.5	82.5
≥ 1000	71.5	80.6	81.7	82.7	83.5	83.7	84.5	84.7	84.8	84.9	84.9	85.1	85.1
≥ 900	71.7	81.6	82.8	83.9	84.8	85.0	85.7	86.0	86.0	86.2	86.2	86.3	86.4
≥ 800	72.1	82.4	83.6	84.8	85.8	86.1	86.9	87.2	87.2	87.5	87.5	87.6	87.6
≥ 700	72.6	83.4	84.9	86.3	87.4	87.7	88.5	88.8	88.8	89.1	89.1	89.3	89.3
≥ 600	72.9	84.3	86.0	87.6	88.8	89.1	90.1	90.4	90.5	90.8	90.9	91.0	91.1
≥ 500	73.1	84.9	86.6	88.7	90.2	90.5	91.9	92.4	92.5	93.0	93.0	93.2	93.3
≥ 400	73.2	85.3	87.2	89.4	91.1	91.5	93.2	93.8	93.9	94.5	94.5	94.8	94.8
≥ 300	73.3	85.7	87.7	89.9	91.8	92.2	94.1	95.1	95.2	96.0	96.2	96.5	96.6
≥ 200	73.3	85.7	87.8	90.0	92.0	92.5	94.6	95.6	95.7	96.7	97.0	97.4	97.6
≥ 100	73.3	85.7	87.8	90.0	92.0	92.5	94.6	95.7	95.8	96.9	97.2	97.8	98.2
≥ 0	73.3	85.7	87.8	90.0	92.0	92.5	94.6	95.7	95.8	96.9	97.2	97.9	98.3

TOTAL NUMBER OF OBSERVATIONS

2670

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

MAR

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.5	43.8	49.1	49.1	49.3	49.3	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6
≥ 20000	52.5	57.3	57.7	57.7	57.8	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2
≥ 18000	52.6	57.5	57.8	57.9	58.0	58.0	58.2	58.3	58.3	58.3	58.3	58.4	58.4	58.4
≥ 16000	53.0	57.9	58.2	58.3	58.4	58.5	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8
≥ 14000	54.2	59.2	59.6	59.6	59.8	59.8	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 12000	55.6	60.7	61.1	61.2	61.3	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 10000	57.0	62.3	62.7	62.8	63.0	63.0	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.4
≥ 9000	57.6	63.0	63.3	63.5	63.6	63.7	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
≥ 8000	58.3	63.8	64.1	64.3	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9
≥ 7000	59.1	64.7	65.1	65.2	65.4	65.4	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8
≥ 6000	59.7	65.6	65.9	66.1	66.3	66.3	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7
≥ 5000	60.7	67.0	67.3	67.5	67.7	67.7	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1
≥ 4500	61.0	67.4	67.7	67.9	68.1	68.1	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ 4000	61.4	68.0	68.3	68.5	68.7	68.7	69.0	69.0	69.0	69.1	69.1	69.2	69.2	69.2
≥ 3500	62.0	68.7	69.1	69.3	69.4	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9
≥ 3000	63.0	70.2	70.6	70.8	71.1	71.1	71.3	71.5	71.5	71.5	71.5	71.6	71.6	71.6
≥ 2500	64.1	71.7	72.2	72.5	72.7	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2
≥ 2000	65.5	73.7	74.2	74.5	74.8	74.8	75.0	75.2	75.3	75.3	75.3	75.4	75.4	75.4
≥ 1800	65.9	74.5	75.0	75.3	75.6	75.6	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2
≥ 1500	67.6	77.0	77.7	78.1	78.4	78.5	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 1200	69.3	79.9	80.7	81.3	81.6	81.7	81.9	82.1	82.2	82.2	82.2	82.3	82.3	82.3
≥ 1000	70.5	82.5	83.4	84.0	84.4	84.5	84.8	85.1	85.1	85.2	85.3	85.4	85.4	85.4
≥ 900	70.9	83.3	84.3	85.0	85.6	85.6	86.0	86.4	86.4	86.5	86.7	86.7	86.7	86.7
≥ 800	71.4	84.7	86.0	86.7	87.5	87.6	88.1	88.5	88.6	88.7	88.9	89.0	89.0	89.0
≥ 700	71.6	85.4	86.7	87.5	88.4	88.6	89.2	89.6	89.7	89.9	90.1	90.2	90.2	90.2
≥ 600	71.7	86.2	87.6	88.6	89.7	89.9	90.6	91.1	91.3	91.5	91.7	91.8	91.8	91.8
≥ 500	71.8	87.0	88.6	90.1	91.2	91.5	92.4	93.0	93.2	93.6	93.8	93.9	94.0	94.0
≥ 400	71.9	87.4	89.3	90.9	92.4	92.7	94.0	94.7	95.0	95.4	95.8	95.9	96.0	96.1
≥ 300	72.1	87.7	89.7	91.4	93.0	93.4	94.8	95.8	96.2	97.0	97.4	97.5	97.8	97.8
≥ 200	72.1	87.7	89.7	91.4	93.1	93.6	95.0	96.1	96.4	97.5	98.1	98.2	98.5	98.7
≥ 100	72.1	87.7	89.7	91.4	93.1	93.6	95.0	96.1	96.5	97.7	98.4	98.6	99.0	99.2
≥ 0	72.1	87.7	89.7	91.4	93.1	93.6	95.0	96.1	96.5	97.7	98.4	98.6	99.0	99.2

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

MAR

STATION

STATION NAME

YEARS

MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	47.7	50.4	50.5	50.7	51.0	51.1	51.3	51.5	51.6	51.6	51.6	51.6
≥ 20000	57.9	60.9	61.1	61.3	61.6	61.7	62.0	62.1	62.3	62.3	62.3	62.3
≥ 18000	58.1	61.1	61.3	61.5	61.9	62.0	62.2	62.4	62.5	62.5	62.5	62.5
≥ 16000	58.5	61.5	61.7	61.9	62.3	62.4	62.6	62.8	62.9	62.9	62.9	62.9
≥ 14000	59.5	62.6	62.7	62.9	63.3	63.4	63.6	63.8	63.9	63.9	63.9	63.9
≥ 12000	61.0	64.0	64.1	64.3	64.7	64.8	65.1	65.2	65.4	65.4	65.4	65.4
≥ 10000	62.7	65.7	65.8	66.1	66.5	66.6	66.9	67.0	67.2	67.2	67.2	67.2
≥ 9000	63.1	66.1	66.3	66.5	67.0	67.1	67.3	67.5	67.6	67.6	67.6	67.6
≥ 8000	64.1	67.3	67.4	67.7	68.1	68.2	68.4	68.6	68.7	68.7	68.7	68.7
≥ 7000	64.4	67.7	67.8	68.1	68.5	68.6	68.9	69.0	69.2	69.2	69.2	69.2
≥ 6000	65.2	68.5	68.6	68.9	69.3	69.4	69.7	69.8	70.0	70.0	70.0	70.0
≥ 5000	65.9	69.4	69.6	69.9	70.3	70.4	70.7	70.8	71.0	71.0	71.0	71.0
≥ 4500	66.4	70.0	70.2	70.5	70.9	71.0	71.3	71.4	71.6	71.6	71.6	71.6
≥ 4000	67.2	71.1	71.2	71.5	71.9	72.0	72.3	72.5	72.6	72.6	72.6	72.6
≥ 3500	67.9	72.1	72.2	72.5	73.0	73.1	73.4	73.5	73.7	73.7	73.7	73.7
≥ 3000	70.3	74.9	75.2	75.5	76.0	76.1	76.5	76.6	76.8	76.8	76.8	76.8
≥ 2500	71.6	76.8	77.1	77.5	78.1	78.1	78.5	78.6	78.8	78.8	78.8	78.8
≥ 2000	73.8	80.0	80.3	80.7	81.3	81.4	81.7	81.9	82.1	82.1	82.1	82.1
≥ 1800	74.5	81.0	81.3	81.7	82.4	82.5	82.8	82.9	83.1	83.1	83.1	83.1
≥ 1500	75.7	83.0	83.3	83.8	84.5	84.6	84.9	85.1	85.2	85.2	85.2	85.2
≥ 1200	77.5	85.8	86.3	86.8	87.5	87.6	88.1	88.2	88.3	88.5	88.5	88.5
≥ 1000	78.3	87.7	88.2	88.7	89.6	89.8	90.2	90.4	90.6	90.6	90.6	90.6
≥ 900	78.6	88.5	89.0	89.6	90.6	90.8	91.3	91.5	91.8	91.8	91.8	91.8
≥ 800	78.8	89.4	90.1	90.9	91.9	92.1	92.8	93.0	93.3	93.4	93.4	93.4
≥ 700	78.9	89.8	90.7	91.6	92.7	92.9	93.6	93.9	94.2	94.3	94.3	94.3
≥ 600	79.2	90.5	91.5	92.4	93.6	93.9	94.6	95.0	95.4	95.5	95.6	95.6
≥ 500	79.2	90.9	91.8	93.0	94.3	94.6	95.5	96.0	96.2	96.6	96.7	96.8
≥ 400	79.3	91.1	92.2	93.4	94.9	95.3	96.4	97.0	97.2	97.6	97.9	98.0
≥ 300	79.4	91.2	92.3	93.7	95.3	95.8	97.1	97.8	98.0	98.8	99.0	99.1
≥ 200	79.4	91.2	92.4	93.7	95.4	95.8	97.3	98.0	98.3	99.2	99.5	99.7
≥ 100	79.4	91.2	92.4	93.7	95.4	95.8	97.3	98.0	98.3	99.3	99.6	99.8
≥ 0	79.4	91.2	92.4	93.7	95.4	95.8	97.3	98.0	98.3	99.3	99.6	99.9

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MONTH MAR

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	48.5	51.4	51.7	51.8	52.1	52.1	52.3	52.3	52.3	52.4	52.5	52.5	52.5	52.5
≥ 20000	60.0	63.5	63.8	63.9	64.2	64.2	64.5	64.5	64.5	64.6	64.7	64.7	64.7	64.7
≥ 18000	60.3	63.8	64.1	64.3	64.5	64.5	64.8	64.8	64.8	64.9	65.0	65.0	65.0	65.0
≥ 16000	60.6	64.1	64.5	64.6	64.8	64.9	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3
≥ 14000	61.4	65.0	65.4	65.5	65.7	65.8	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2
≥ 12000	62.6	66.3	66.6	66.7	67.0	67.0	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4
≥ 10000	64.1	68.0	68.3	68.5	68.7	68.7	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.2
≥ 9000	64.7	68.6	68.9	69.1	69.3	69.4	69.6	69.6	69.6	69.7	69.8	69.8	69.8	69.8
≥ 8000	65.8	69.8	70.2	70.3	70.5	70.6	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0
≥ 7000	66.8	71.1	71.4	71.6	71.8	71.8	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3
≥ 6000	67.7	72.1	72.4	72.6	72.8	72.9	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3
≥ 5000	68.6	73.3	73.7	73.8	74.0	74.1	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5
≥ 4500	69.4	74.1	74.5	74.7	74.9	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4
≥ 4000	70.2	75.2	75.7	75.9	76.1	76.1	76.4	76.4	76.4	76.5	76.6	76.6	76.6	76.6
≥ 3500	71.3	76.5	77.0	77.3	77.5	77.5	77.8	77.8	77.8	77.9	78.0	78.0	78.0	78.0
≥ 3000	73.9	79.6	80.1	80.4	80.6	80.6	80.9	80.9	80.9	81.0	81.1	81.1	81.1	81.1
≥ 2500	75.5	82.0	82.4	82.7	83.0	83.1	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5
≥ 2000	76.8	84.0	84.6	84.9	85.2	85.2	85.5	85.5	85.5	85.6	85.7	85.7	85.7	85.7
≥ 1800	77.4	84.8	85.4	85.8	86.1	86.1	86.4	86.4	86.4	86.5	86.6	86.6	86.6	86.6
≥ 1500	78.5	86.3	87.0	87.4	87.7	87.7	88.0	88.1	88.1	88.1	88.2	88.3	88.3	88.3
≥ 1200	79.5	87.8	88.7	89.1	89.5	89.6	89.9	89.9	89.9	90.0	90.1	90.1	90.1	90.1
≥ 1000	79.9	89.0	89.9	90.5	90.9	91.0	91.3	91.5	91.5	91.6	91.6	91.7	91.7	91.7
≥ 800	80.2	89.6	90.6	91.2	91.6	91.8	92.2	92.4	92.4	92.5	92.5	92.6	92.6	92.6
≥ 600	80.3	90.4	91.7	92.5	93.1	93.2	93.7	93.8	93.8	94.0	94.0	94.1	94.1	94.1
≥ 500	80.6	91.1	92.5	93.3	93.9	94.1	94.7	94.9	94.9	95.0	95.1	95.2	95.2	95.2
≥ 400	80.8	91.4	93.0	93.7	94.4	94.6	95.2	95.3	95.4	95.6	95.7	95.7	95.7	95.8
≥ 300	80.9	91.8	93.4	94.3	95.2	95.3	96.0	96.2	96.4	96.6	96.9	97.0	97.0	97.1
≥ 200	80.9	92.1	93.8	94.8	95.8	96.0	96.9	97.1	97.3	97.7	98.0	98.3	98.3	98.4
≥ 100	80.9	92.2	93.8	94.9	95.9	96.3	97.3	97.5	97.7	98.2	98.5	98.8	98.9	99.0
≥ 0	80.9	92.2	93.8	94.9	95.9	96.3	97.3	97.6	97.8	98.5	99.0	99.1	99.2	99.3
0	80.9	92.2	93.8	94.9	95.9	96.3	97.3	97.6	97.8	98.5	99.0	99.1	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS 2682

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

MAR

STATION NAME

YEARS

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	54.1	57.4	57.7	58.0	58.2	58.3	58.5	58.6	58.6	58.7	58.7	58.7	58.7
≥ 20000	62.6	66.7	67.0	67.4	67.6	67.7	67.9	68.0	68.0	68.1	68.1	68.1	68.1
≥ 18000	62.9	67.0	67.4	67.7	68.0	68.0	68.3	68.3	68.3	68.4	68.4	68.5	68.5
≥ 16000	63.5	67.6	67.9	68.3	68.5	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.0
≥ 14000	64.2	68.4	68.7	69.1	69.3	69.3	69.6	69.7	69.7	69.8	69.8	69.8	69.8
≥ 12000	65.1	69.4	69.7	70.1	70.3	70.3	70.6	70.7	70.7	70.8	70.8	70.8	70.8
≥ 10000	67.1	71.7	72.0	72.4	72.6	72.7	72.9	73.0	73.0	73.1	73.2	73.2	73.2
≥ 9000	67.5	72.1	72.4	72.8	73.0	73.0	73.3	73.4	73.4	73.5	73.5	73.5	73.5
≥ 8000	68.4	73.2	73.6	73.9	74.2	74.2	74.5	74.6	74.6	74.7	74.7	74.7	74.7
≥ 7000	69.2	74.3	74.7	75.1	75.3	75.4	75.6	75.7	75.7	75.8	75.9	75.9	75.9
≥ 6000	70.0	75.1	75.6	75.9	76.2	76.2	76.5	76.6	76.6	76.7	76.7	76.7	76.7
≥ 5000	71.0	76.4	76.8	77.2	77.5	77.5	77.8	77.8	77.8	77.9	78.0	78.0	78.0
≥ 4500	71.8	77.3	77.8	78.2	78.5	78.5	78.8	78.8	78.8	79.0	79.0	79.0	79.0
≥ 4000	72.6	78.3	78.8	79.2	79.4	79.5	79.7	79.8	79.8	79.9	80.0	80.0	80.0
≥ 3500	73.2	79.0	79.4	79.9	80.2	80.2	80.5	80.5	80.5	80.6	80.7	80.7	80.7
≥ 3000	74.3	80.6	81.1	81.6	81.8	81.9	82.1	82.2	82.2	82.3	82.4	82.4	82.4
≥ 2500	75.6	82.0	83.1	83.6	83.8	83.9	84.1	84.2	84.2	84.3	84.4	84.4	84.4
≥ 2000	76.8	84.3	84.9	85.4	85.7	85.7	86.0	86.0	86.0	86.1	86.2	86.2	86.2
≥ 1800	76.9	84.8	85.4	85.8	86.1	86.2	86.4	86.5	86.5	86.6	86.7	86.7	86.7
≥ 1500	77.9	86.1	86.9	87.4	87.7	87.7	88.0	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1200	78.7	87.5	88.4	88.9	89.3	89.4	89.7	89.8	89.8	89.9	90.0	90.0	90.0
≥ 1000	79.3	88.8	89.8	90.4	90.8	90.9	91.3	91.5	91.5	91.6	91.7	91.7	91.7
≥ 900	79.3	89.3	90.3	91.0	91.4	91.5	91.9	92.1	92.1	92.2	92.3	92.3	92.3
≥ 800	79.6	89.8	90.9	91.7	92.1	92.2	92.7	92.8	92.8	93.0	93.0	93.0	93.1
≥ 700	79.7	90.5	91.7	92.5	93.0	93.1	93.6	93.8	93.8	94.0	94.0	94.0	94.1
≥ 600	79.9	90.9	92.1	93.1	93.8	93.9	94.5	94.7	94.8	95.1	95.1	95.1	95.2
≥ 500	79.9	91.1	92.4	93.4	94.2	94.3	95.0	95.3	95.4	95.5	95.9	95.9	96.0
≥ 400	80.0	91.5	93.1	94.2	95.2	95.4	96.2	96.6	96.6	97.0	97.2	97.2	97.3
≥ 300	80.1	91.8	93.4	94.5	95.5	95.8	96.9	97.4	97.5	98.1	98.4	98.4	98.5
≥ 200	80.1	91.8	93.4	94.6	95.6	95.8	96.9	97.5	97.7	98.1	98.5	98.7	98.9
≥ 100	80.1	91.8	93.4	94.6	95.7	95.9	97.0	97.6	97.8	98.2	98.7	99.1	99.6
≥ 0	80.1	91.8	93.4	94.6	95.7	95.9	97.0	97.6	97.8	98.2	98.8	99.1	99.5

TOTAL NUMBER OF OBSERVATIONS

2671

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)		VISIBILITY (STATUTE MILES)													
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	≥ 20000	60.0	62.6	63.0	63.3	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.8	63.8	63.8
	≥ 18000	65.1	67.9	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.3	69.3	69.3
	≥ 16000	65.5	68.3	68.6	69.0	69.3	69.3	69.3	69.4	69.4	69.5	69.5	69.6	69.6	69.6
	≥ 14000	65.9	68.7	69.1	69.5	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.1	70.1	70.1
	≥ 12000	66.5	69.3	69.8	70.2	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.8	70.8	70.8
	≥ 10000	67.4	70.2	70.7	71.1	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.6	71.7	71.7
	≥ 9000	69.0	72.1	72.5	72.9	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.5	73.5	73.5
	≥ 8000	69.4	72.5	73.0	73.4	73.7	73.7	73.7	73.8	73.8	73.9	73.9	74.0	74.0	74.0
	≥ 7000	70.4	73.6	74.1	74.4	74.8	74.8	74.8	74.9	74.9	75.0	75.0	75.1	75.1	75.1
	≥ 6000	71.0	74.3	74.8	75.1	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.8	75.8	75.8
	≥ 5000	71.8	75.1	75.6	76.0	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.6	76.7	76.7
	≥ 4500	73.0	76.6	77.1	77.5	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.2	78.2	78.2
	≥ 4000	73.9	77.6	78.1	78.5	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.1
	≥ 3500	74.3	78.2	78.7	79.1	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.7	79.8	79.8
	≥ 3000	74.9	79.1	79.7	80.1	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.7	80.8	80.8
	≥ 2500	76.1	80.6	81.2	81.7	82.1	82.1	82.1	82.2	82.2	82.3	82.3	82.4	82.4	82.4
≥ 2000	77.8	82.6	83.3	83.7	84.1	84.1	84.2	84.2	84.2	84.4	84.4	84.5	84.5	84.5	
≥ 1800	80.1	85.3	86.0	86.5	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.2	87.3	87.3	
≥ 1500	80.4	85.7	86.4	86.9	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.6	87.7	87.7	
≥ 1200	81.2	86.8	87.5	88.0	88.4	88.4	88.5	88.6	88.6	88.7	88.7	88.8	88.8	88.8	
≥ 1000	82.0	87.9	88.7	89.3	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.1	90.2	90.2	
≥ 900	82.6	89.0	89.8	90.5	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.3	91.4	91.4	
≥ 800	82.8	89.5	90.5	91.3	91.8	91.8	91.9	92.0	92.0	92.1	92.1	92.2	92.3	92.3	
≥ 700	83.1	90.3	91.2	92.1	92.5	92.5	92.8	92.8	92.8	93.0	93.0	93.1	93.2	93.2	
≥ 600	83.3	90.9	91.9	92.7	93.3	93.3	93.6	93.6	93.6	93.9	93.9	94.1	94.1	94.1	
≥ 500	83.4	91.2	92.2	93.2	93.9	93.9	94.2	94.3	94.3	94.6	94.6	94.7	94.8	94.8	
≥ 400	83.5	91.8	92.9	93.7	94.7	94.8	95.3	95.4	95.4	95.8	95.8	96.0	96.1	96.1	
≥ 300	83.5	92.0	93.2	94.3	95.3	95.3	95.8	95.9	96.0	96.3	96.5	96.6	96.7	96.7	
≥ 200	83.5	92.1	93.3	94.6	95.6	95.6	96.2	96.4	96.5	97.0	97.1	97.3	97.4	97.4	
≥ 100	83.6	92.3	93.5	94.7	95.9	95.9	96.8	97.2	97.4	98.1	98.3	98.5	98.7	98.7	
≥ 0	83.6	92.3	93.5	94.7	95.9	95.9	96.9	97.4	97.5	98.2	98.6	98.7	99.3	99.5	
														100.0	

2684

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

LINKER AFB OK/OKLAHOMA CITY

43-45,47-72

APR

STATION NAME

YEARS

MONTH

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	52.1	60.2	60.3	60.3	60.3	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 20000	64.5	66.9	61.0	67.1	67.2	67.2	67.2	67.4	67.4	67.5	67.5	67.5	67.6	67.6
≥ 18000	64.8	67.1	67.2	67.3	67.4	67.4	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8
≥ 16000	65.1	67.2	67.3	67.5	67.5	67.5	67.6	67.8	67.8	67.9	67.9	68.0	68.0	68.0
≥ 14000	65.1	68.0	68.1	68.2	68.3	68.3	68.4	68.5	68.5	68.6	68.7	68.7	68.7	68.7
≥ 12000	67.2	69.5	69.5	69.7	69.7	69.7	69.8	70.0	70.0	70.1	70.1	70.2	70.2	70.2
≥ 10000	69.6	72.0	72.1	72.2	72.2	72.2	72.3	72.5	72.5	72.6	72.6	72.7	72.7	72.7
≥ 9000	70.2	72.7	72.8	72.9	73.0	73.0	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.5
≥ 8000	70.9	73.5	73.6	73.7	73.8	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.3
≥ 7000	72.4	75.3	75.4	75.5	75.6	75.6	75.7	75.9	75.9	76.0	76.0	76.1	76.1	76.1
≥ 6000	73.5	76.5	76.6	76.7	76.8	76.8	76.9	77.1	77.1	77.2	77.2	77.3	77.3	77.3
≥ 5000	75.2	78.2	78.3	78.4	78.5	78.5	78.6	78.8	78.8	78.9	78.9	79.0	79.0	79.0
≥ 4500	75.9	79.0	79.1	79.2	79.3	79.3	79.4	79.6	79.6	79.7	79.7	79.8	79.8	79.8
≥ 4000	76.6	79.7	79.8	80.0	80.1	80.1	80.1	80.3	80.3	80.4	80.5	80.5	80.5	80.5
≥ 3500	77.5	80.8	80.9	81.1	81.2	81.2	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 3000	79.0	82.5	82.7	82.8	82.9	82.9	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.4
≥ 2500	79.9	83.6	83.7	84.0	84.1	84.1	84.2	84.4	84.4	84.5	84.5	84.6	84.6	84.6
≥ 2000	81.6	85.7	85.9	86.1	86.2	86.2	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.8
≥ 1800	82.1	86.1	86.3	86.5	86.7	86.7	86.8	87.0	87.0	87.1	87.1	87.2	87.2	87.2
≥ 1500	83.8	88.1	88.4	88.6	88.8	88.8	89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.4
≥ 1200	85.4	90.1	90.4	90.6	90.8	90.8	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.4
≥ 1000	86.4	91.5	91.8	92.1	92.3	92.3	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.9
≥ 900	86.6	92.0	92.4	92.6	92.8	92.8	93.0	93.2	93.2	93.3	93.3	93.4	93.4	93.4
≥ 800	86.7	92.3	92.8	93.1	93.3	93.4	93.5	93.7	93.7	93.8	93.8	93.9	93.9	93.9
≥ 700	87.2	93.2	93.7	94.1	94.3	94.3	94.5	94.7	94.7	94.8	94.9	94.9	94.9	95.0
≥ 600	87.6	93.8	94.3	94.8	95.0	95.0	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.7
≥ 500	87.8	94.4	94.9	95.4	95.8	95.8	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.6
≥ 400	88.0	95.0	95.5	96.1	96.6	96.6	96.9	97.2	97.2	97.3	97.3	97.4	97.4	97.5
≥ 300	88.0	95.3	95.9	96.6	97.2	97.3	97.7	98.0	98.1	98.2	98.3	98.3	98.3	98.4
≥ 200	88.2	95.5	96.3	97.3	98.0	98.1	98.5	98.9	99.0	99.2	99.3	99.3	99.3	99.4
≥ 100	88.2	95.5	96.3	97.3	98.0	98.1	98.7	99.1	99.1	99.4	99.6	99.6	99.7	99.8
≥ 0	88.2	95.5	96.3	97.3	98.0	98.1	98.7	99.1	99.1	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2594

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919 TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

APR
MONTH
0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.3	57.0	57.2	57.4	57.4	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	60.4	62.3	62.5	62.7	62.7	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	60.6	62.5	62.7	62.9	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2
≥ 16000	60.8	62.7	63.0	63.1	63.1	63.1	63.2	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.5
≥ 14000	61.5	63.4	63.6	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.2
≥ 12000	62.6	64.5	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.3
≥ 10000	65.3	67.3	67.5	67.7	67.7	67.7	67.9	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.2
≥ 9000	66.1	68.2	68.5	68.6	68.7	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.1	69.1
≥ 8000	66.8	69.2	69.5	69.6	69.7	69.7	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.1
≥ 7000	68.2	70.7	71.0	71.2	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.7	71.7
≥ 6000	69.2	71.9	72.2	72.4	72.4	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.8	72.9	72.9
≥ 5000	70.5	73.3	73.7	73.8	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.4	74.4
≥ 4500	71.1	73.9	74.4	74.6	74.7	74.7	74.8	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1
≥ 4000	72.1	75.2	75.7	75.9	76.0	76.0	76.1	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.4
≥ 3500	72.7	75.9	76.4	76.6	76.8	76.8	77.0	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3
≥ 3000	74.1	77.4	78.0	78.2	78.3	78.3	78.5	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9
≥ 2500	75.1	78.5	79.1	79.3	79.5	79.5	79.8	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1
≥ 2000	76.8	80.6	81.3	81.5	81.7	81.8	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4
≥ 1800	77.4	81.2	81.8	82.2	82.4	82.4	82.7	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0
≥ 1500	79.2	83.4	84.2	84.5	84.7	84.8	85.0	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4
≥ 1200	81.5	86.1	87.0	87.4	87.7	87.7	88.0	88.1	88.1	88.2	88.2	88.3	88.3	88.4	88.4
≥ 1000	83.3	88.6	89.6	90.0	90.3	90.3	90.6	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0
≥ 900	83.8	89.3	90.3	90.7	91.0	91.0	91.3	91.5	91.5	91.6	91.6	91.7	91.7	91.8	91.8
≥ 800	84.5	90.2	91.4	91.8	92.1	92.2	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9
≥ 700	85.0	91.0	92.1	92.5	92.9	92.9	93.2	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6
≥ 600	85.4	91.0	92.9	93.3	93.8	93.8	94.3	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7
≥ 500	85.8	92.5	93.7	94.1	94.7	94.7	95.2	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6
≥ 400	85.9	93.0	94.3	94.8	95.6	95.6	96.2	96.4	96.4	96.6	96.6	96.7	96.7	96.7	96.7
≥ 300	85.9	93.3	94.8	95.4	96.3	96.3	97.1	97.3	97.3	97.4	97.4	97.7	97.7	97.9	97.9
≥ 200	85.9	93.4	94.9	95.6	96.6	96.6	97.5	97.7	97.7	97.8	97.8	98.3	98.3	98.5	98.6
≥ 100	85.9	93.4	94.9	95.6	96.6	96.6	97.5	97.8	97.8	97.9	98.5	98.6	98.6	98.8	98.8
≥ 0	85.9	93.4	94.9	95.6	96.6	96.6	97.5	97.8	97.8	97.9	98.5	98.6	98.6	99.0	99.3

TOTAL NUMBER OF OBSERVATIONS

2594

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
13919

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

STATION NAME

YEARS

APR

MONTH

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	43.3	47.3	47.8	48.1	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.5	48.5
≥ 20000	50.4	55.2	55.8	56.1	56.2	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.6
≥ 18000	50.6	55.3	55.9	56.2	56.3	56.3	56.5	56.5	56.6	56.6	56.7	56.7	56.8
≥ 16000	50.9	55.7	56.2	56.5	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.1
≥ 14000	51.9	56.8	57.4	57.7	57.8	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2
≥ 12000	52.8	57.7	58.2	58.5	58.7	58.7	58.9	58.9	58.9	59.0	59.0	59.1	59.2
≥ 10000	55.0	60.5	61.1	61.4	61.6	61.6	61.7	61.8	61.8	61.8	61.9	61.9	62.0
≥ 9000	55.7	61.4	62.0	62.3	62.5	62.5	62.6	62.7	62.7	62.8	62.8	62.8	62.9
≥ 8000	56.7	62.8	63.3	63.7	63.9	63.9	64.0	64.1	64.1	64.1	64.2	64.2	64.3
≥ 7000	58.2	64.5	65.1	65.5	65.7	65.7	65.8	65.9	66.0	66.0	66.0	66.1	66.2
≥ 6000	59.2	65.8	66.5	66.8	67.0	67.0	67.2	67.3	67.3	67.4	67.4	67.5	67.5
≥ 5000	61.1	67.9	68.7	69.1	69.4	69.4	69.6	69.7	69.7	69.8	69.8	69.9	69.9
≥ 4500	61.7	68.6	69.5	69.9	70.3	70.3	70.5	70.5	70.6	70.6	70.7	70.7	70.8
≥ 4000	62.5	69.9	70.7	71.2	71.6	71.6	71.9	71.9	72.0	72.0	72.1	72.1	72.2
≥ 3500	63.2	70.8	71.7	72.1	72.6	72.6	72.8	72.8	72.9	73.0	73.1	73.1	73.2
≥ 3000	64.1	72.1	73.0	73.5	74.0	74.0	74.2	74.3	74.4	74.5	74.5	74.5	74.6
≥ 2500	65.3	73.5	74.5	75.0	75.5	75.5	75.8	75.8	75.9	76.0	76.0	76.1	76.3
≥ 2000	67.1	75.8	76.8	77.4	77.9	78.0	78.2	78.2	78.3	78.4	78.5	78.5	78.7
≥ 1800	67.5	76.4	77.5	78.1	78.6	78.7	78.9	78.9	79.0	79.1	79.2	79.2	79.4
≥ 1500	69.5	78.8	80.1	80.7	81.3	81.3	81.6	81.6	81.7	81.8	81.9	81.9	82.0
≥ 1200	71.7	81.9	83.2	84.0	84.6	84.6	84.9	84.9	85.0	85.2	85.3	85.3	85.5
≥ 1000	73.3	84.4	86.0	86.8	87.3	87.4	87.8	87.8	87.9	88.1	88.2	88.2	88.4
≥ 900	73.8	84.9	86.6	87.4	88.0	88.1	88.4	88.5	88.6	88.7	88.8	88.8	89.0
≥ 800	74.5	86.5	88.3	89.1	89.7	89.8	90.2	90.3	90.4	90.5	90.6	90.7	90.9
≥ 700	75.0	87.5	89.4	90.5	91.1	91.2	91.6	91.7	91.8	91.9	92.0	92.0	92.2
≥ 600	75.3	88.4	90.5	91.7	92.6	92.7	93.2	93.2	93.4	93.5	93.6	93.6	93.8
≥ 500	75.6	89.1	91.4	92.7	93.6	93.8	94.2	94.4	94.5	94.7	94.8	94.8	95.0
≥ 400	75.8	89.6	92.0	93.6	94.8	95.1	95.6	95.9	96.1	96.4	96.5	96.5	96.8
≥ 300	75.9	89.8	92.3	93.9	95.3	95.6	96.4	96.8	97.0	97.6	97.7	97.8	98.0
≥ 200	75.9	89.9	92.4	94.1	95.5	95.8	96.7	97.3	97.5	98.1	98.3	98.8	99.2
≥ 100	75.9	89.9	92.4	94.1	95.5	95.9	96.7	97.3	97.6	98.3	98.6	99.2	99.7
0	75.9	89.9	92.4	94.1	95.5	95.9	96.7	97.3	97.6	98.3	98.6	99.2	99.5

2591

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS APR MONTH 0900-1100 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	45.1	47.8	48.0	48.0	48.1	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	52.9	56.6	56.8	56.8	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	53.0	56.7	56.9	56.9	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	53.5	57.3	57.5	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 14000	54.7	58.7	59.0	59.0	59.1	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	55.8	59.9	60.1	60.2	60.3	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	58.1	62.8	63.1	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 9000	58.6	63.4	63.7	63.7	63.8	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1
≥ 8000	59.6	64.6	64.9	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 7000	60.6	65.8	66.1	66.2	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 6000	61.4	66.9	67.2	67.4	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	62.4	68.2	68.5	68.8	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4500	63.0	69.0	69.3	69.6	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	63.6	69.7	70.0	70.3	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 3500	64.1	70.3	70.6	70.9	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3000	65.6	72.1	72.5	72.9	73.0	73.0	73.3	73.3	73.3	73.4	73.4	73.4	73.4
≥ 2500	67.9	74.9	75.3	75.7	75.8	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2000	70.3	78.0	78.4	78.8	78.9	79.0	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 1800	71.1	79.3	79.7	80.1	80.2	80.3	80.6	80.6	80.6	80.7	80.7	80.7	80.7
≥ 1500	73.6	82.7	83.1	83.5	83.7	83.7	84.1	84.1	84.1	84.2	84.3	84.3	84.3
≥ 1200	76.2	86.5	87.0	87.5	87.7	87.7	88.1	88.2	88.2	88.3	88.3	88.3	88.3
≥ 1000	77.3	88.9	89.6	90.0	90.3	90.3	90.7	90.8	90.8	90.9	90.9	90.9	90.9
≥ 900	77.6	89.9	90.7	91.2	91.5	91.6	92.0	92.1	92.1	92.1	92.2	92.2	92.2
≥ 800	78.3	91.3	92.4	92.9	93.2	93.2	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 700	78.5	91.8	92.9	93.5	93.9	93.9	94.4	94.5	94.5	94.6	94.6	94.6	94.6
≥ 600	78.9	92.7	93.9	94.6	94.9	95.0	95.6	95.8	95.8	96.0	96.0	96.0	96.0
≥ 500	79.1	93.2	94.4	95.3	95.8	95.9	96.5	96.7	96.7	96.9	96.9	96.9	96.9
≥ 400	79.2	93.5	94.9	95.9	96.5	96.6	97.4	97.9	97.9	98.1	98.1	98.1	98.1
≥ 300	79.2	93.7	95.2	96.4	97.2	97.3	98.2	98.8	98.9	99.2	99.3	99.3	99.3
≥ 200	79.2	93.8	95.3	96.5	97.3	97.4	98.5	99.1	99.2	99.5	99.6	99.7	99.7
≥ 100	79.2	93.8	95.3	96.5	97.3	97.4	98.5	99.1	99.2	99.5	99.6	99.7	99.8
≥ 0	79.2	93.8	95.3	96.5	97.3	97.4	98.5	99.1	99.2	99.5	99.6	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS

2592

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

STATION NAME

YEARS

APR
MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼
NO CEILING	48.4	50.2	50.3	50.5	50.6	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	57.6	60.1	60.3	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	58.0	60.5	60.7	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2
≥ 16000	58.0	60.6	60.8	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	59.1	61.9	62.1	62.3	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	60.7	63.5	63.6	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000	62.5	65.8	66.0	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	62.8	66.2	66.5	66.7	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	63.8	67.3	67.5	67.8	67.9	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2
≥ 7000	64.8	68.6	68.9	69.2	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5
≥ 6000	65.6	69.5	69.8	70.1	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5
≥ 5000	66.9	71.2	71.5	71.8	72.0	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3
≥ 4500	67.6	72.0	72.3	72.6	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	68.4	73.0	73.3	73.7	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2
≥ 3500	69.8	74.5	74.8	75.2	75.5	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8
≥ 3000	73.5	78.5	78.8	79.2	79.5	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9
≥ 2500	76.1	81.7	82.0	82.4	82.7	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	79.4	86.0	86.3	86.8	87.1	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5
≥ 1800	80.6	87.5	87.8	88.3	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	82.0	89.9	90.3	90.8	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	83.2	92.3	92.8	93.3	93.7	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	83.7	93.1	93.7	94.3	94.6	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1
≥ 900	83.9	93.9	94.5	95.1	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	84.2	94.5	95.1	95.8	96.1	96.2	96.5	96.7	96.8	96.8	96.8	96.8	96.8
≥ 700	84.4	94.8	95.5	96.1	96.6	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	84.4	95.3	96.1	96.7	97.3	97.4	97.9	98.1	98.2	98.2	98.2	98.2	98.2
≥ 500	84.4	95.6	96.5	97.2	97.8	98.0	98.5	98.7	98.8	98.8	98.8	98.8	98.8
≥ 400	84.4	95.8	96.8	97.6	98.3	98.4	99.0	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	84.5	95.9	97.0	97.8	98.5	98.6	99.3	99.6	99.7	99.7	99.7	99.8	99.8
≥ 200	84.5	95.9	97.0	97.8	98.5	98.6	99.3	99.6	99.7	99.7	99.7	99.8	99.8
≥ 100	84.5	95.9	97.0	97.8	98.5	98.6	99.3	99.6	99.7	99.7	99.7	99.8	99.8
≥ 0	84.5	95.9	97.0	97.8	98.5	98.6	99.3	99.6	99.7	99.7	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2591

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH APR

1500-1700
HOURS (LS T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.8	50.7	50.9	51.0	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4
≥ 20000	61.5	64.5	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.2
≥ 18000	61.9	64.9	65.0	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5
≥ 16000	62.1	65.1	65.2	65.4	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
≥ 14000	62.8	65.8	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.5	66.5
≥ 12000	63.7	66.8	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5
≥ 10000	65.8	69.2	69.4	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
≥ 9000	66.3	69.8	70.1	70.3	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6
≥ 8000	67.4	71.4	71.6	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
≥ 7000	68.8	72.8	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.6
≥ 6000	69.8	74.0	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7
≥ 5000	71.0	75.4	75.8	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3
≥ 4500	72.1	76.7	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6
≥ 4000	73.9	79.2	79.5	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 3500	75.9	81.3	81.6	81.9	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.3
≥ 3000	78.6	84.2	84.6	84.8	85.0	85.0	85.1	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3
≥ 2500	80.7	86.8	87.2	87.5	87.6	87.6	87.8	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.0
≥ 2000	82.9	89.8	90.2	90.5	90.7	90.7	90.8	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0
≥ 1800	83.5	90.5	90.9	91.2	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8
≥ 1500	84.4	91.8	92.2	92.6	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2
≥ 1200	85.6	93.4	93.9	94.4	94.6	94.6	94.7	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9
≥ 1000	85.9	94.0	94.7	95.1	95.4	95.4	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8
≥ 900	86.1	94.4	95.1	95.6	95.8	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3
≥ 800	86.3	94.9	95.6	96.1	96.4	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.9	96.9
≥ 700	86.4	95.3	96.1	96.6	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 600	86.6	95.8	96.7	97.2	97.5	97.5	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 500	86.6	95.9	96.9	97.4	97.7	97.7	98.1	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5
≥ 400	86.6	96.1	97.1	97.8	98.3	98.3	98.9	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7
≥ 300	86.6	96.1	97.1	97.9	98.3	98.4	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	86.6	96.1	97.1	97.9	98.3	98.4	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	86.6	96.1	97.1	97.9	98.3	98.4	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 0	86.6	96.1	97.1	97.9	98.3	98.4	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2190

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

APR

STATION NAME

YEARS

MONTH

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	52.1	55.0	55.3	55.3	55.4	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	63.1	66.6	66.9	67.0	67.1	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 18000	63.3	66.8	67.1	67.2	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	63.4	66.9	67.2	67.3	67.5	67.5	67.7	67.8	67.9	67.9	67.9	67.9	67.9
≥ 14000	64.4	68.0	68.3	68.4	68.5	68.5	68.8	68.9	69.0	69.0	69.0	69.0	69.0
≥ 12000	65.2	68.9	69.2	69.3	69.4	69.4	69.7	69.8	69.9	69.9	69.9	69.9	69.9
≥ 10000	67.8	71.8	72.2	72.3	72.4	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9
≥ 9000	68.3	72.4	72.8	72.9	73.1	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	69.2	73.5	73.9	74.0	74.1	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5
≥ 7000	70.9	75.5	75.9	76.0	76.1	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	71.9	76.6	77.0	77.1	77.2	77.2	77.5	77.6	77.7	77.7	77.7	77.7	77.7
≥ 5000	73.8	79.1	79.5	79.7	79.8	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	74.7	80.2	80.7	80.8	81.0	81.0	81.2	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	76.1	82.0	82.4	82.6	82.7	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	77.2	83.2	83.6	83.8	84.0	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	78.7	85.0	85.5	85.7	86.0	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	80.0	86.7	87.3	87.5	87.8	87.8	88.2	88.3	88.3	88.4	88.4	88.4	88.4
≥ 2000	81.1	88.4	89.0	89.2	89.5	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	81.9	89.4	90.0	90.2	90.5	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500	83.0	90.9	91.5	91.8	92.0	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	83.6	91.9	92.6	92.9	93.2	93.2	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	83.8	92.4	93.2	93.5	93.9	94.0	94.3	94.5	94.5	94.6	94.6	94.6	94.6
≥ 900	84.0	92.9	93.7	94.0	94.5	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	84.1	93.3	94.1	94.5	95.0	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	84.4	93.8	94.8	95.2	95.7	95.9	96.3	96.5	96.5	96.6	96.6	96.6	96.6
≥ 600	84.9	94.4	95.4	95.9	96.4	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	85.0	94.7	95.9	96.4	96.9	97.1	97.6	97.9	98.0	98.0	98.0	98.1	98.1
≥ 400	85.1	95.1	96.3	97.1	97.8	98.0	98.5	98.9	99.0	99.0	99.0	99.1	99.1
≥ 300	85.2	95.2	96.5	97.4	98.2	98.4	98.9	99.3	99.4	99.4	99.4	99.5	99.5
≥ 200	85.2	95.2	96.6	97.5	98.3	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.7
≥ 100	85.2	95.2	96.6	97.5	98.3	98.5	99.1	99.5	99.5	99.7	99.7	99.8	99.8
≥ 0	85.2	95.2	96.6	97.5	98.3	98.5	99.1	99.5	99.5	99.7	99.7	99.8	99.8

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 STATION NAME YEARS MONTH MAY

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	66.7	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	66.7	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	66.8	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	67.8	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	69.5	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	71.9	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	72.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 8000	74.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	75.1	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	75.5	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	77.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	78.4	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	79.3	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	80.2	83.9	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	81.7	85.8	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	82.4	86.8	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	83.8	88.6	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	84.3	89.2	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	85.4	90.3	90.7	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3
≥ 1200	86.4	91.7	92.1	92.3	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	87.1	92.7	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	87.5	93.3	93.8	94.0	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	88.0	94.0	94.5	94.7	95.1	95.1	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	88.2	94.5	95.0	95.2	95.6	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	88.3	94.8	95.2	95.5	96.1	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	88.5	95.4	96.1	96.3	96.9	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	88.6	95.8	96.6	97.0	97.5	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	88.7	96.2	97.1	97.6	98.3	98.4	98.7	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1
≥ 200	88.7	96.2	97.2	97.8	98.5	98.6	99.1	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 100	88.7	96.2	97.2	97.8	98.6	98.7	99.3	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8
≥ 0	88.7	96.2	97.2	97.8	98.6	98.7	99.3	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH MAY

0300-0500
HOURS(IST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	52.5	54.5	54.6	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	60.4	62.8	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000	60.4	62.9	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	60.5	63.0	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 14000	61.5	64.1	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 12000	63.7	66.3	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 10000	65.9	68.6	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	66.8	69.8	70.0	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 8000	68.2	71.3	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	69.1	72.6	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	69.9	73.6	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	72.4	76.3	76.6	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4500	73.1	77.3	77.6	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	74.3	79.0	79.3	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	74.8	79.5	79.9	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3000	75.9	81.0	81.4	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	77.0	82.3	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	78.4	84.1	84.6	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	78.8	84.6	85.1	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	80.4	86.6	87.1	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	81.6	87.9	88.5	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	82.8	89.8	90.7	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	83.3	90.6	91.4	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	83.8	91.3	92.2	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	84.2	91.8	92.7	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	84.5	92.4	93.5	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	84.8	93.2	94.3	94.9	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 400	85.0	93.6	94.9	95.5	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300	85.1	93.9	95.3	96.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 200	85.1	93.9	95.4	96.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 100	85.1	94.0	95.5	96.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 0	85.1	94.0	95.5	96.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS

2689

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

MAY

STATION NAME

YEARS

MONTH

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	42.2	45.7	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	50.7	55.2	55.5	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	50.7	55.2	55.5	55.8	56.0	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	50.9	55.4	55.7	56.0	56.2	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	52.4	57.0	57.3	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	54.6	59.5	59.8	60.1	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
≥ 10000	57.9	63.4	63.7	64.1	64.3	64.3	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5
≥ 9000	59.0	64.8	65.1	65.5	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	60.8	67.0	67.4	67.8	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	61.9	68.1	68.6	69.0	69.2	69.2	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5
≥ 6000	62.5	68.8	69.3	69.7	69.9	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	63.6	70.2	70.6	71.1	71.3	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	64.2	70.9	71.4	71.9	72.1	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	65.2	72.3	72.8	73.3	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	66.1	73.4	73.9	74.3	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3000	67.1	74.7	75.2	75.7	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2500	68.4	76.5	77.2	77.6	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2000	69.5	78.0	78.7	79.2	79.6	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	70.0	78.7	79.5	80.0	80.3	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1500	71.2	80.9	81.9	82.4	82.9	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1200	73.1	83.4	84.5	85.1	85.6	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1000	74.6	85.6	86.8	87.5	88.1	88.3	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	75.2	86.6	87.8	88.5	89.2	89.4	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	75.5	87.2	88.5	89.3	90.1	90.3	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9
≥ 700	75.6	87.9	89.3	90.1	91.0	91.3	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.1
≥ 600	76.1	88.8	90.2	91.0	92.2	92.5	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 500	76.5	89.5	91.1	92.0	93.2	93.7	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	76.8	90.3	92.0	93.1	94.6	95.2	95.9	96.3	96.5	96.6	96.7	96.7	96.7	96.7
≥ 300	76.9	90.7	92.7	94.0	95.7	96.2	97.4	97.8	97.9	98.1	98.2	98.3	98.3	98.5
≥ 200	76.9	90.8	92.8	94.1	95.9	96.4	97.7	98.2	98.4	98.7	98.9	99.0	99.0	99.2
≥ 100	76.9	90.8	92.8	94.1	95.9	96.4	97.7	98.3	98.5	98.8	99.0	99.2	99.2	99.4
≥ 0	76.9	90.8	92.8	94.1	95.9	96.4	97.7	98.3	98.5	98.8	99.0	99.2	99.3	99.4

2681

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM 1 JUL 64

0-14-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MAY 0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	45.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 20000	55.0	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 18000	55.1	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	55.1	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	55.8	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	57.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000	59.6	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	60.7	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 8000	62.4	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	63.8	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	64.5	68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	65.8	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	66.1	70.6	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	66.7	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3500	67.3	72.3	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3000	68.7	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500	70.8	77.0	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 2000	73.8	80.5	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1800	75.4	82.5	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1500	77.4	85.1	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	79.5	88.5	88.8	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	80.8	90.7	91.1	91.5	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 900	81.2	91.5	92.0	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	81.4	92.2	92.9	93.3	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 700	81.6	93.0	93.8	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	81.9	93.7	94.6	95.0	95.6	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0
≥ 500	82.3	94.4	95.4	95.9	96.6	96.8	97.1	97.2	97.2	97.4	97.4	97.4	97.4
≥ 400	82.4	95.0	96.1	96.8	97.7	98.0	98.4	98.5	98.6	98.8	98.8	98.8	98.8
≥ 300	82.5	95.2	96.3	97.2	98.2	98.4	98.9	99.1	99.2	99.5	99.6	99.6	99.6
≥ 200	82.5	95.2	96.4	97.3	98.2	98.5	99.0	99.3	99.3	99.7	99.8	99.9	99.9
≥ 100	82.5	95.2	96.4	97.3	98.2	98.5	99.0	99.3	99.4	99.7	99.9	100.0	100.0
≥ 0	82.5	95.2	96.4	97.3	98.2	98.5	99.0	99.3	99.4	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

MAY

MONTH

1200-1400

1400-1800

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 0
NO CEILING	46.3	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 2000	57.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 1800	57.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 1600	57.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 1400	58.0	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 1200	59.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1000	61.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 900	62.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 800	63.8	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 700	64.9	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 600	65.6	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 500	66.8	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4500	67.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000	68.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	70.7	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	73.9	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	77.5	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	80.6	86.8	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	81.5	87.9	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	83.1	90.1	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	84.7	92.4	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	85.6	93.8	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	85.7	94.2	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	85.8	95.0	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	86.0	95.6	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	86.2	96.1	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	86.3	96.5	97.4	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	86.3	96.6	97.6	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	86.3	96.7	97.9	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	86.3	96.7	97.9	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	86.3	96.7	97.9	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	86.3	96.7	97.9	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

2680

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM 0.145 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

MAY
MONTH

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	50.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	64.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	64.3	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	64.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	65.4	67.5	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	66.3	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	68.2	70.7	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	69.0	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	70.4	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	71.3	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	72.2	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 5000	74.2	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	75.0	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	76.8	80.8	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	78.0	82.1	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	80.8	85.3	85.6	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	82.7	87.8	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	85.0	90.7	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	85.3	91.3	91.6	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	86.6	93.1	93.4	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	87.4	94.0	94.5	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	87.6	94.6	95.1	95.5	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	87.6	94.6	95.2	95.6	95.6	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	87.7	95.1	95.6	96.1	96.1	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 700	87.8	95.6	96.1	96.6	96.7	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	87.8	95.9	96.5	97.2	97.4	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	87.9	96.2	96.9	97.6	97.9	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 400	87.9	96.4	97.2	98.1	98.4	98.5	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3
≥ 300	87.9	96.5	97.4	98.3	98.8	98.9	99.2	99.5	99.5	99.7	99.8	99.9	99.9	99.9
≥ 200	87.9	96.5	97.5	98.3	98.8	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 100	87.9	96.5	97.5	98.3	98.8	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 0	87.9	96.5	97.5	98.3	98.8	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2687

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

MAY

STATION NAME

YEARS

MONTH

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	53.7	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	69.0	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000	69.3	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	69.4	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	70.2	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 12000	71.8	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	73.8	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	74.3	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	76.0	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	77.0	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 6000	77.6	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	79.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	79.9	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	80.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	81.8	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	83.4	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	84.3	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	85.4	91.9	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	85.6	92.2	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	86.4	93.3	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	87.1	94.5	95.0	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	87.4	95.1	95.5	95.7	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2
≥ 900	87.4	95.2	95.8	96.0	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5
≥ 800	87.7	95.7	96.2	96.5	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0
≥ 700	87.7	95.8	96.5	96.7	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2
≥ 600	87.8	96.4	97.2	97.4	97.7	97.7	97.8	97.8	97.9	98.0	98.0	98.0	98.0
≥ 500	87.8	96.6	97.5	97.8	98.2	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5
≥ 400	87.9	96.7	97.8	98.2	98.6	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1
≥ 300	88.0	96.8	97.9	98.4	99.0	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6
≥ 200	88.0	96.9	98.0	98.5	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	88.0	96.9	98.0	98.5	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 0	88.0	96.9	98.0	98.5	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7

2691

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC
FORM JUL 64

0.145 (0.14) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY STATION NAME 43-45,47-72 YEARS MONTH MAY

2100-2300
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	57.8	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	69.0	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 18000	69.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 16000	69.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	70.7	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	72.1	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	74.4	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	75.1	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	76.5	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	77.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	78.2	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	80.0	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	80.4	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	81.4	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	82.3	86.5	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	83.6	88.1	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	84.5	89.3	89.5	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	85.6	90.9	91.2	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	86.0	91.5	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	86.5	92.2	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	87.3	93.4	94.0	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	87.8	94.3	95.0	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	88.1	94.9	95.6	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	88.6	95.5	96.2	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	88.7	95.9	96.5	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	88.7	95.9	96.7	96.9	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	88.7	96.2	97.0	97.2	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	88.9	96.5	97.4	97.6	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	88.9	96.7	97.9	98.2	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	88.9	96.8	98.1	98.4	99.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	88.9	96.8	98.1	98.4	99.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	88.9	96.8	98.1	98.4	99.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8

2683

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MONTH JUN 0000-0200 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.4	68.4	68.5	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	75.6	78.1	78.1	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 18000	75.6	78.1	78.2	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	75.7	78.2	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	76.8	79.4	79.5	79.5	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	78.7	81.3	81.3	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	81.2	84.0	84.0	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	82.0	84.9	84.9	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 8000	83.3	86.4	86.5	86.6	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000	84.1	87.2	87.4	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000	84.9	88.3	88.5	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	86.6	90.2	90.4	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4500	87.3	91.0	91.2	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	88.4	92.3	92.5	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	88.9	93.0	93.3	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	89.5	93.8	94.1	94.2	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6
≥ 2500	90.0	94.4	94.7	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	90.4	95.0	95.3	95.5	95.5	95.5	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1800	90.6	95.2	95.5	95.7	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1
≥ 1500	91.1	95.9	96.2	96.4	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	91.3	96.2	96.6	96.8	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2
≥ 1000	91.7	96.8	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8
≥ 900	91.8	96.9	97.3	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	92.0	97.3	97.7	97.9	98.0	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
≥ 700	92.1	97.4	97.8	98.0	98.1	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 600	92.2	97.6	98.0	98.2	98.3	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 500	92.3	97.8	98.3	98.5	98.6	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1
≥ 400	92.4	98.2	98.7	98.9	99.1	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 300	92.5	98.3	98.7	99.0	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 200	92.5	98.3	98.7	99.0	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 100	92.5	98.3	98.7	99.0	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 0	92.5	98.3	98.7	99.0	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7

2557

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

STATION NAME

YEARS

JUN MONTH

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.2	61.0	61.3	61.4	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7
≥ 20000	67.1	70.5	70.9	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3
≥ 16000	67.3	70.7	71.0	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5
≥ 14000	67.4	70.9	71.2	71.3	71.3	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	68.9	72.3	72.7	72.8	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
≥ 10000	70.7	74.2	74.5	74.7	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	73.2	77.1	77.4	77.6	77.6	77.6	77.8	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1
≥ 8000	73.7	77.7	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.5	78.6	78.6	78.6	78.6
≥ 7000	75.4	79.3	79.7	79.9	79.9	79.9	80.1	80.2	80.2	80.2	80.2	80.4	80.4	80.4	80.4
≥ 6000	76.4	80.5	80.9	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.5
≥ 5000	77.8	82.1	82.5	82.7	82.7	82.7	82.9	82.9	82.9	82.9	83.0	83.1	83.1	83.1	83.1
≥ 4500	79.3	84.1	84.6	84.8	84.8	84.8	85.1	85.1	85.1	85.1	85.2	85.3	85.3	85.3	85.3
≥ 4000	80.0	84.9	85.4	85.6	85.6	85.6	85.8	85.9	85.9	85.9	86.0	86.1	86.1	86.1	86.1
≥ 3500	81.0	86.0	86.5	86.7	86.7	86.7	86.9	87.0	87.0	87.0	87.1	87.2	87.2	87.2	87.2
≥ 3000	81.6	86.6	87.1	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.7	87.8	87.8	87.8	87.8
≥ 2500	82.9	87.9	88.6	88.8	88.8	88.8	89.0	89.1	89.1	89.1	89.2	89.3	89.3	89.3	89.3
≥ 2000	83.5	88.6	89.3	89.5	89.5	89.5	89.7	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0
≥ 1800	84.3	89.8	90.5	90.7	90.8	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4
≥ 1500	84.6	90.1	90.8	91.1	91.2	91.2	91.5	91.5	91.5	91.5	91.6	91.6	91.7	91.7	91.7
≥ 1200	85.2	90.8	91.5	91.8	91.9	91.9	92.2	92.3	92.3	92.3	92.4	92.4	92.5	92.5	92.5
≥ 1000	86.2	92.2	93.0	93.3	93.4	93.4	93.7	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0
≥ 900	86.9	93.0	93.9	94.1	94.2	94.2	94.6	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9
≥ 800	87.2	93.5	94.4	94.7	94.8	94.8	95.1	95.3	95.3	95.3	95.4	95.5	95.5	95.5	95.5
≥ 700	87.8	94.3	95.2	95.5	95.7	95.7	96.0	96.1	96.1	96.2	96.2	96.4	96.4	96.4	96.4
≥ 600	88.0	94.7	95.7	96.0	96.1	96.1	96.4	96.6	96.6	96.7	96.8	96.9	96.9	96.9	96.9
≥ 500	88.3	95.3	96.3	96.6	96.9	96.9	97.2	97.4	97.4	97.5	97.5	97.7	97.7	97.7	97.7
≥ 400	88.6	95.9	96.9	97.3	97.6	97.6	98.0	98.2	98.2	98.3	98.4	98.5	98.5	98.5	98.5
≥ 300	88.7	96.2	97.2	97.6	98.0	98.1	98.5	98.6	98.6	98.8	98.9	99.0	99.0	99.0	99.0
≥ 200	88.7	96.3	97.4	97.8	98.3	98.4	98.8	98.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3
≥ 100	88.7	96.4	97.5	97.9	98.4	98.5	98.9	99.1	99.1	99.3	99.4	99.6	99.6	99.6	99.6
≥ 0	88.7	96.4	97.5	97.9	98.4	98.5	98.9	99.1	99.1	99.3	99.4	99.6	99.6	99.6	99.6

2556

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH JUN

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	50.5	54.0	54.5	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	59.7	64.2	64.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2
≥ 18000	59.8	64.2	64.7	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	60.0	64.5	65.0	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6
≥ 14000	61.2	65.8	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8
≥ 12000	64.3	69.4	69.9	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5
≥ 10000	67.4	73.0	73.5	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2
≥ 9000	68.3	74.2	74.7	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000	69.7	76.0	76.6	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	71.0	77.5	78.1	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 6000	72.1	78.9	79.5	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	73.1	80.1	80.8	81.4	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 4500	73.5	80.6	81.4	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3
≥ 4000	74.3	81.7	82.5	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.5
≥ 3500	74.9	82.3	83.2	83.7	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1
≥ 3000	75.8	83.3	84.3	84.9	85.0	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3
≥ 2500	76.4	84.0	85.0	85.7	85.8	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1
≥ 2000	77.7	85.5	86.5	87.2	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6
≥ 1800	77.9	85.7	86.7	87.3	87.5	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8
≥ 1500	78.9	86.8	87.8	88.5	88.7	88.8	88.9	88.9	89.0	89.0	89.1	89.1	89.1
≥ 1200	80.6	88.9	89.9	90.6	90.9	90.9	91.0	91.0	91.1	91.1	91.1	91.2	91.2
≥ 1000	81.6	90.0	91.1	91.9	92.1	92.1	92.2	92.3	92.3	92.5	92.5	92.6	92.6
≥ 900	82.0	90.8	91.8	92.6	92.8	92.9	93.0	93.0	93.2	93.2	93.2	93.3	93.3
≥ 800	82.9	92.0	93.2	94.0	94.3	94.3	94.4	94.4	94.5	94.6	94.7	94.8	94.8
≥ 700	83.4	93.1	94.5	95.5	95.7	95.7	95.9	95.9	95.9	96.1	96.1	96.2	96.2
≥ 600	83.7	93.7	95.2	96.3	96.6	96.7	96.8	96.8	96.9	97.0	97.1	97.1	97.1
≥ 500	84.0	94.2	95.7	97.0	97.3	97.4	97.6	97.7	97.7	97.9	98.0	98.0	98.0
≥ 400	84.0	94.4	96.0	97.3	97.9	97.9	98.2	98.4	98.4	98.6	98.7	98.7	98.7
≥ 300	84.1	94.6	96.1	97.6	98.2	98.3	98.6	98.7	98.8	99.1	99.2	99.3	99.3
≥ 200	84.1	94.6	96.2	97.6	98.2	98.3	98.6	98.8	98.8	99.1	99.3	99.3	99.3
≥ 100	84.1	94.6	96.2	97.6	98.3	98.4	98.7	98.8	98.9	99.2	99.3	99.4	99.4
≥ 0	84.1	94.6	96.2	97.6	98.3	98.4	98.7	98.8	98.9	99.2	99.3	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 2558

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH JUN

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	53.7	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	62.4	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	62.8	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	62.8	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	63.5	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	66.5	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000	69.0	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000	69.7	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	71.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000	72.6	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 6000	73.1	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	73.9	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	74.4	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	75.6	80.3	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	76.2	81.0	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	77.9	82.9	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2500	79.4	84.8	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	83.0	88.5	88.7	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	83.8	89.4	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1600	86.0	91.9	92.1	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	87.7	94.5	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	88.4	95.4	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	88.7	96.0	96.4	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	89.0	96.6	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	89.0	96.6	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	89.0	96.9	97.4	97.7	97.8	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1
≥ 600	89.1	97.3	97.9	98.1	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 500	89.4	98.0	98.6	98.9	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	89.4	98.0	98.6	99.0	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8
≥ 300	89.4	98.1	98.7	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	89.4	98.1	98.7	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	89.4	98.1	98.7	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	89.4	98.1	98.7	99.1	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9

USAF ETAC FORM 13919 0-14-5 (O/A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE TOTAL NUMBER OF OBSERVATIONS 2565

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION
13919

STATION NAME
TINKER AFB OK/OKLAHOMA CITY

YEARS
43-45, 47-72

MONTH
JUN

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	54.7	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	64.3	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	64.4	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	64.5	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	65.2	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000	67.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000	69.8	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	70.7	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	71.6	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	72.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	73.0	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	74.1	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	74.8	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	77.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	80.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	85.0	89.3	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6
≥ 2500	87.6	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	89.8	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	90.3	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	91.6	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	92.0	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	92.2	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	92.3	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	92.6	98.7	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	92.7	98.9	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	92.7	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 500	92.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	92.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	92.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	92.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	92.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	92.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2560

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

JUN
MONTH

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	60.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	72.0	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000	72.2	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	72.4	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000	73.2	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	75.4	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 10000	77.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000	77.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	78.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	78.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	79.4	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	80.7	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	81.8	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	84.5	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	86.1	89.9	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	89.3	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	91.1	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	91.9	96.5	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	92.2	96.8	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	92.6	97.4	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	93.1	97.9	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	93.4	98.3	98.7	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	93.4	98.4	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 800	93.5	98.7	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	93.5	98.9	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	93.5	98.9	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	93.6	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	93.6	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	93.6	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	93.6	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	93.6	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	93.6	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

JUN
MONTH

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	65.2	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	78.1	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 18000	78.3	81.7	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 16000	78.7	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 14000	79.2	82.6	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 12000	81.0	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 10000	82.6	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	83.1	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	84.1	88.2	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	85.0	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	85.8	90.1	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	86.9	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500	87.5	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	88.9	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	89.4	94.2	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	90.7	95.5	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	91.4	96.6	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	91.9	97.2	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	91.9	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	92.3	97.7	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	92.5	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	92.5	98.1	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	92.7	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	92.8	98.4	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	92.9	98.5	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	93.0	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	93.0	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	93.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	93.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	93.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	93.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	93.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF

USAF ETAC FORM 0-12-10-10

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

JUN

STATION NAME

YEARS

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	69.4	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 20000	79.1	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 18000	79.3	81.6	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000	79.5	81.8	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 14000	80.5	82.9	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	81.9	84.2	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 10000	84.1	86.5	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 9000	84.3	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	85.9	88.5	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 7000	86.8	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	87.6	90.5	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	89.3	92.3	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	89.8	92.9	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000	90.7	94.0	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	91.2	94.6	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	91.9	95.6	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	92.1	95.9	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	92.6	96.6	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	92.7	96.7	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	93.0	97.2	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	93.3	97.7	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	93.4	97.9	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	93.4	98.0	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	93.5	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	93.6	98.2	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	93.7	98.4	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	93.8	98.5	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	93.8	98.5	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	93.8	98.6	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	93.8	98.6	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	93.8	98.6	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	93.8	98.6	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

2560

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS
MO-TH JUL
HOURS(LST) 0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	74.4	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 20000	81.3	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000	81.5	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 16000	81.8	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	83.1	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	85.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 10000	88.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 9000	88.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 8000	90.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	91.7	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 6000	92.7	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 5000	93.5	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	93.8	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	94.2	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	94.4	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	94.9	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	95.1	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	95.3	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	95.3	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	95.4	97.5	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	95.4	97.6	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	95.7	97.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	95.8	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	95.9	98.1	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	96.0	98.3	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	96.0	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	96.1	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	96.2	98.8	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	96.2	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	96.2	96.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	96.2	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	96.2	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

2648

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

YEARS

JUL

MONTH

0300-0500
HOURS(LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	68.4	69.9	69.9	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
≥ 20000	73.8	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.9
≥ 18000	74.0	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.1
≥ 16000	74.3	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.4
≥ 14000	76.0	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.2
≥ 12000	78.8	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.3
≥ 10000	82.5	84.8	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.2
≥ 9000	83.6	85.9	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.3
≥ 8000	85.4	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.5
≥ 7000	86.8	89.6	89.6	89.6	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.2	90.2	90.2
≥ 6000	87.8	90.6	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.2	91.2	91.2	91.3
≥ 5000	88.6	91.7	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.2	92.3	92.3	92.3	92.4
≥ 4500	88.9	92.0	92.1	92.3	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.7
≥ 4000	89.6	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.5	93.5	93.5
≥ 3500	89.7	93.0	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.7	93.7	93.7
≥ 3000	90.2	93.7	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4
≥ 2500	90.7	94.4	94.5	94.7	94.8	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.2
≥ 2000	91.2	95.1	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.9	95.9	96.0
≥ 1800	91.3	95.2	95.2	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.0
≥ 1500	91.5	95.5	95.5	95.8	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3
≥ 1200	91.7	95.7	95.7	96.0	96.1	96.1	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.6
≥ 1000	92.1	96.1	96.2	96.5	96.6	96.6	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.1
≥ 900	92.1	96.3	96.4	96.7	96.8	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3
≥ 800	92.2	96.4	96.5	96.8	96.9	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 700	92.4	96.7	96.9	97.1	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7
≥ 600	92.6	97.0	97.1	97.4	97.5	97.5	97.7	97.8	97.8	97.8	97.9	97.9	97.9	98.0
≥ 500	92.7	97.2	97.5	97.9	98.0	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.5
≥ 400	92.7	97.5	97.8	98.1	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.8
≥ 300	92.8	97.7	98.0	98.4	98.5	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.2
≥ 200	92.9	97.8	98.1	98.5	98.6	98.7	98.9	99.0	99.0	99.2	99.3	99.4	99.4	99.5
≥ 100	92.9	97.8	98.1	98.5	98.6	98.7	98.9	99.0	99.0	99.2	99.3	99.5	99.6	99.7
0	92.9	97.8	98.1	98.5	98.6	98.7	98.9	99.0	99.0	99.2	99.3	99.5	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS

2646

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS JUL MONTH 0600-0800 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	55.1	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000	64.4	68.9	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000	64.4	68.9	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 16000	64.7	69.2	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000	66.4	71.0	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	69.2	74.4	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000	72.8	79.0	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	74.0	80.4	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000	76.2	83.1	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 7000	77.4	84.6	85.2	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5
≥ 6000	78.6	86.1	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	80.0	87.8	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500	80.3	88.1	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	81.0	88.9	89.6	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1
≥ 3500	81.3	89.3	90.0	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5
≥ 3000	81.7	89.9	90.6	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥ 2500	82.3	90.6	91.3	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8
≥ 2000	82.6	91.1	91.8	92.0	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 1800	82.8	91.4	92.0	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6
≥ 1500	83.2	91.8	92.5	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1
≥ 1200	83.7	92.7	93.4	93.7	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 1000	84.2	93.5	94.2	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0
≥ 900	84.6	93.9	94.7	95.1	95.4	95.4	95.4	95.5	95.5	95.6	95.6	95.6
≥ 800	85.0	94.5	95.3	95.8	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3
≥ 700	85.2	94.8	95.6	96.1	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6
≥ 600	85.5	95.3	96.1	96.6	96.9	96.9	96.9	97.0	97.1	97.1	97.2	97.2
≥ 500	85.6	95.6	96.5	97.0	97.4	97.4	97.4	97.5	97.6	97.6	97.8	97.8
≥ 400	85.6	95.9	96.8	97.5	97.8	97.9	98.0	98.1	98.1	98.3	98.4	98.4
≥ 300	85.6	96.1	97.0	97.7	98.1	98.2	98.4	98.5	98.5	98.8	98.9	98.9
≥ 200	85.7	96.3	97.2	97.9	98.3	98.4	98.6	98.8	98.8	99.2	99.3	99.3
≥ 100	85.7	96.3	97.2	97.9	98.3	98.4	98.6	98.8	98.8	99.2	99.5	99.5
≥ 0	85.7	96.3	97.2	97.9	98.3	98.4	98.6	98.8	98.8	99.2	99.5	99.5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

JUL
MONTH

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	≥ 20000	59.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
	≥ 18000	68.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
	≥ 16000	68.2	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
	≥ 14000	68.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
	≥ 12000	70.1	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
	≥ 10000	73.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
	≥ 9000	76.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
	≥ 8000	77.4	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
	≥ 7000	79.3	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
	≥ 6000	80.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
	≥ 5000	81.5	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
	≥ 4500	82.6	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
	≥ 4000	82.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
	≥ 3500	83.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
	≥ 3000	84.0	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
	≥ 2500	85.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2000	86.0	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
≥ 1800	86.9	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
≥ 1500	87.4	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
≥ 1200	88.5	94.8	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
≥ 1000	89.6	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
≥ 900	89.9	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
≥ 800	90.4	97.4	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
≥ 700	90.6	97.8	98.1	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
≥ 600	90.7	98.1	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
≥ 500	90.9	98.4	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 400	91.0	98.9	99.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 300	91.1	99.0	99.3	99.5	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 200	91.1	99.1	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 100	91.1	99.1	99.4	99.6	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 0	91.1	99.1	99.4	99.6	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

2642

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

YEARS

JUL

MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/8
NO CEILING	55.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	66.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	66.2	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 16000	66.6	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000	67.5	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	71.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	74.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 9000	75.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	76.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	77.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	79.2	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 5000	80.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	81.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	85.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	86.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	89.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	91.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	93.2	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	93.6	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	94.7	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	94.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	95.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	95.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	95.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	95.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	95.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	95.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	95.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	95.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	95.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

2640

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2 +

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH JUL

1500-1700
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	61.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	74.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	74.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	75.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	76.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	79.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	82.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9000	82.7	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 8000	84.2	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	85.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	86.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	87.8	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	88.9	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	90.4	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	91.6	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	93.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	94.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	95.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	95.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	95.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	95.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	95.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	95.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	95.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	95.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	95.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	95.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	95.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	95.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

2640

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

JUL

STATION

YEARS

MO/TH

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	68.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	80.2	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 18000	80.5	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 16000	81.0	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	82.6	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 12000	85.2	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	88.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 9000	88.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	90.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	91.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	92.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 5000	93.4	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500	93.8	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4000	94.2	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 3500	94.4	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 3000	94.7	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	95.1	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	95.4	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 1800	95.4	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 1500	95.4	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 1200	95.4	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	95.4	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	95.4	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	95.5	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	95.5	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	95.5	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 500	95.5	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 400	95.5	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 300	95.5	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	95.5	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	95.5	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 0	95.5	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2641

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

JUL
MONTH

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	≥ 20000	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
	≥ 18000	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
	≥ 16000	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
	≥ 14000	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
	≥ 12000	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
	≥ 10000	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
	≥ 9000	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
	≥ 8000	91.0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	≥ 7000	91.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
	≥ 6000	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
	≥ 5000	93.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
	≥ 4500	94.4	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	≥ 4000	94.7	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
	≥ 3500	95.2	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
	≥ 3000	95.5	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	≥ 2500	95.9	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	96.3	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
≥ 1800	96.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
≥ 1500	96.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
≥ 1200	96.6	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
≥ 1000	96.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 900	96.7	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 800	96.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 700	96.8	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
≥ 600	96.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 500	96.9	99.3	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 400	96.9	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 300	96.9	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 200	96.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 100	96.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 0	96.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

2642

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

AUG

MONTH

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	76.6	77.9	78.0	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 20000	81.5	82.9	83.0	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 18000	81.7	83.1	83.2	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 16000	81.9	83.3	83.3	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	83.2	84.7	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 12000	85.0	86.8	86.9	86.9	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 10000	88.0	90.1	90.2	90.2	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 9000	89.4	91.4	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	90.5	92.7	92.8	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000	90.8	93.2	93.2	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 6000	91.8	94.3	94.4	94.5	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 5000	92.5	95.1	95.1	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	92.7	95.5	95.6	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	92.9	95.8	95.9	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	92.9	96.1	96.1	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	93.2	96.5	96.6	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	93.4	96.7	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	93.6	97.0	97.1	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	93.7	97.0	97.1	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	93.7	97.1	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	94.2	97.7	97.7	97.9	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	94.4	97.9	98.0	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	94.5	98.0	98.1	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	94.5	98.2	98.3	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	94.6	98.3	98.5	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	94.7	98.5	98.7	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	94.8	98.6	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	94.8	98.7	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	94.8	98.7	99.0	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	94.8	98.7	99.0	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100	94.8	98.7	99.0	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 0	94.8	98.7	99.0	99.2	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2687

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 C +

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

AUG

STATION NAME

YEARS

MONTH

0300-0500
HOURS(LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	71.1	73.6	73.7	74.0	74.1	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5
≥ 20000	75.9	78.4	78.5	78.8	79.0	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4
≥ 18000	76.0	78.5	78.6	78.9	79.0	79.0	79.2	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.5
≥ 16000	76.4	78.9	79.1	79.4	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9
≥ 14000	77.4	80.0	80.2	80.5	80.6	80.6	80.7	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0
≥ 12000	79.5	82.4	82.6	82.9	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.5
≥ 10000	83.2	86.5	86.6	87.0	87.1	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6
≥ 9000	84.3	87.7	87.8	88.1	88.2	88.2	88.5	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.8
≥ 8000	85.9	89.3	89.5	89.8	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4
≥ 7000	86.9	90.6	90.8	91.1	91.3	91.3	91.5	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8
≥ 6000	87.5	91.7	91.9	92.2	92.3	92.3	92.6	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9
≥ 5000	88.3	92.7	92.9	93.2	93.3	93.3	93.6	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9
≥ 4500	88.4	93.1	93.3	93.7	93.8	93.8	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.4
≥ 4000	88.8	93.6	93.8	94.2	94.3	94.3	94.6	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.9
≥ 3500	88.9	93.8	94.0	94.4	94.5	94.5	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.2
≥ 3000	89.2	94.2	94.5	94.8	94.9	94.9	95.2	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6
≥ 2500	89.4	94.5	94.7	95.1	95.2	95.2	95.5	95.6	95.6	95.7	95.8	95.8	95.9	95.9	95.9
≥ 2000	89.6	94.8	95.0	95.4	95.5	95.5	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.2
≥ 1800	89.6	94.8	95.1	95.5	95.6	95.6	95.9	95.9	95.9	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1500	89.7	94.9	95.2	95.6	95.7	95.7	96.0	96.1	96.1	96.2	96.2	96.3	96.4	96.4	96.4
≥ 1200	90.0	95.2	95.5	95.9	96.1	96.1	96.5	96.5	96.5	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1000	90.4	95.7	96.1	96.5	96.7	96.7	97.0	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4
≥ 900	90.4	95.9	96.2	96.6	96.8	96.8	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.6
≥ 800	90.5	96.1	96.5	96.9	97.1	97.1	97.4	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8
≥ 700	90.5	96.3	96.7	97.1	97.2	97.2	97.6	97.7	97.7	97.8	97.9	98.0	98.0	98.0	98.0
≥ 600	90.7	96.5	96.9	97.3	97.5	97.5	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.3
≥ 500	90.8	96.8	97.1	97.5	97.7	97.7	98.1	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.6
≥ 400	90.9	97.1	97.5	97.9	98.1	98.1	98.4	98.6	98.6	98.8	98.8	98.9	99.0	99.0	99.0
≥ 300	91.0	97.4	97.9	98.3	98.5	98.5	98.9	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.5
≥ 200	91.0	97.4	98.0	98.4	98.5	98.5	99.0	99.2	99.2	99.4	99.5	99.6	99.7	99.7	99.8
≥ 100	91.0	97.5	98.0	98.4	98.6	98.6	99.0	99.3	99.3	99.4	99.6	99.7	99.8	99.8	99.9
≥ 0	91.0	97.5	98.0	98.4	98.6	98.6	99.0	99.3	99.3	99.4	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2689

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

AUG

STATION NAME

YEARS

MONTH

0600-0800
HOURS(IST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	57.8	64.1	64.5	64.8	65.0	65.0	65.2	65.3	65.4	65.4	65.4	65.5	65.5
≥ 20000	63.7	70.7	71.3	71.6	71.9	71.9	72.1	72.2	72.3	72.3	72.4	72.4	72.4
≥ 18000	63.7	70.8	71.4	71.8	72.1	72.1	72.2	72.4	72.4	72.4	72.5	72.5	72.5
≥ 16000	63.8	70.9	71.5	71.9	72.2	72.2	72.4	72.5	72.5	72.5	72.6	72.6	72.6
≥ 14000	65.0	72.2	72.9	73.2	73.5	73.5	73.7	73.8	73.9	73.9	74.0	74.0	74.0
≥ 12000	68.0	75.7	76.4	76.8	77.1	77.1	77.3	77.4	77.4	77.5	77.5	77.6	77.6
≥ 10000	71.6	80.7	81.3	81.8	82.2	82.2	82.3	82.5	82.5	82.5	82.6	82.6	82.6
≥ 9000	72.9	82.2	82.9	83.4	83.8	83.8	84.0	84.1	84.1	84.2	84.2	84.3	84.3
≥ 8000	75.6	85.4	86.1	86.6	87.0	87.1	87.3	87.4	87.4	87.4	87.5	87.6	87.6
≥ 7000	76.4	86.7	87.4	87.9	88.3	88.4	88.6	88.7	88.7	88.7	88.8	88.9	88.9
≥ 6000	77.1	87.6	88.3	88.9	89.3	89.3	89.5	89.6	89.6	89.7	89.7	89.8	89.8
≥ 5000	78.1	88.9	89.6	90.2	90.6	90.6	90.9	91.0	91.0	91.1	91.1	91.2	91.2
≥ 4500	78.4	89.2	90.0	90.6	91.0	91.0	91.3	91.4	91.5	91.5	91.5	91.6	91.6
≥ 4000	78.5	89.4	90.2	90.8	91.2	91.3	91.5	91.7	91.7	91.8	91.8	91.9	91.9
≥ 3500	78.7	89.8	90.6	91.2	91.6	91.6	91.9	92.0	92.0	92.1	92.1	92.2	92.2
≥ 3000	79.1	90.3	91.0	91.7	92.2	92.2	92.5	92.6	92.6	92.7	92.7	92.8	92.8
≥ 2500	79.3	90.6	91.4	92.0	92.5	92.6	92.8	93.0	93.0	93.1	93.1	93.2	93.2
≥ 2000	79.5	91.0	91.8	92.5	93.0	93.1	93.3	93.5	93.5	93.5	93.6	93.6	93.6
≥ 1800	79.6	91.0	91.9	92.6	93.1	93.1	93.4	93.5	93.5	93.6	93.6	93.7	93.7
≥ 1500	79.6	91.3	92.2	92.9	93.4	93.5	93.7	93.9	93.9	93.9	94.0	94.1	94.1
≥ 1200	79.9	91.7	92.5	93.2	93.8	93.8	94.1	94.2	94.2	94.3	94.3	94.4	94.4
≥ 1000	80.4	92.5	93.5	94.2	94.8	94.8	95.1	95.2	95.2	95.3	95.3	95.4	95.4
≥ 900	80.6	92.8	93.7	94.5	95.0	95.1	95.3	95.5	95.5	95.5	95.6	95.7	95.7
≥ 800	80.8	93.1	94.0	94.8	95.4	95.4	95.7	95.8	95.8	95.9	95.9	96.0	96.0
≥ 700	81.0	93.5	94.5	95.3	95.9	95.9	96.3	96.4	96.5	96.5	96.5	96.6	96.6
≥ 600	81.1	93.9	94.9	95.8	96.5	96.5	96.9	97.0	97.1	97.1	97.1	97.2	97.3
≥ 500	81.1	94.1	95.2	96.1	96.9	97.0	97.4	97.5	97.5	97.6	97.6	97.7	97.8
≥ 400	81.3	94.5	95.6	96.5	97.4	97.5	98.0	98.1	98.2	98.2	98.3	98.4	98.5
≥ 300	81.5	94.7	96.0	97.0	97.9	98.0	98.5	98.7	98.8	98.9	99.0	99.1	99.2
≥ 200	81.5	94.7	96.1	97.1	98.0	98.1	98.6	98.8	98.9	99.0	99.1	99.3	99.3
≥ 100	81.5	94.7	96.1	97.1	98.0	98.1	98.6	98.9	98.9	99.1	99.2	99.3	99.5
≥ 0	81.5	94.7	96.1	97.1	98.0	98.1	98.6	98.9	98.9	99.1	99.2	99.3	99.6

2691

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

AUG

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16
NO CEILING	62.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	69.7	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	69.8	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	70.1	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 14000	70.6	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 12000	73.7	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	76.6	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	77.3	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	79.2	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	80.1	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	80.5	87.9	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	81.4	89.1	89.3	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6
≥ 4500	81.4	89.2	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7
≥ 4000	81.8	89.7	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2
≥ 3500	82.2	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	82.9	90.9	91.1	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5
≥ 2500	83.7	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	84.6	92.8	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5
≥ 1800	84.9	93.2	93.4	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9
≥ 1500	85.7	94.6	94.8	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3
≥ 1200	86.3	95.6	95.9	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5
≥ 1000	86.9	96.3	96.7	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5
≥ 900	87.1	96.8	97.2	97.6	97.8	97.8	97.8	97.9	98.0	98.0	98.0
≥ 800	87.3	97.1	97.5	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3
≥ 700	87.5	97.4	97.8	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.7
≥ 600	87.6	97.6	98.1	98.6	98.8	98.8	99.0	99.0	99.1	99.1	99.1
≥ 500	87.6	97.7	98.2	98.7	99.1	99.1	99.3	99.3	99.4	99.4	99.4
≥ 400	87.6	97.9	98.4	99.0	99.4	99.4	99.7	99.7	99.9	99.9	99.9
≥ 300	87.6	97.9	98.4	99.0	99.4	99.4	99.7	99.7	99.9	99.9	99.9
≥ 200	87.6	97.9	98.4	99.0	99.4	99.4	99.7	99.7	99.9	99.9	99.9
≥ 100	87.6	97.9	98.4	99.0	99.4	99.4	99.7	99.7	99.9	99.9	99.9
≥ 0	87.6	97.9	98.4	99.0	99.4	99.4	99.7	99.7	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2693

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 +

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

AUG MONTH

STATION NAME

YEARS

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	62.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 20000	70.9	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000	70.9	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	71.1	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000	72.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	74.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	77.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	77.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	79.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 7000	79.9	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	80.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	82.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500	83.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	85.3	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	86.3	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	87.7	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	89.1	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	90.5	96.8	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	90.6	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	90.9	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	91.3	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	91.5	98.2	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	91.6	98.3	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	91.7	98.6	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	91.8	98.8	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	91.8	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	91.8	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	91.8	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	91.8	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	91.8	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	91.8	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	91.8	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2685

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

AUG MONTH

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 20000	77.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	77.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	77.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	78.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000	80.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	82.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	83.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000	85.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	85.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	86.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	87.9	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	89.0	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	90.5	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	91.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3000	92.3	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	92.8	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	93.0	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	93.2	98.6	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	93.4	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	93.4	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	93.6	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	93.6	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	93.6	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	93.6	99.3	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	93.7	99.4	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	93.7	99.4	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	93.7	99.4	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.7	99.4	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.7	99.4	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.7	99.4	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.7	99.4	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2688

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

YEARS

AUG MONTH

1800-2000
HOURS(LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	72.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	81.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 18000	81.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 16000	81.3	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 14000	81.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 12000	84.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 10000	87.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 9000	88.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	89.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 7000	90.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000	91.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	92.0	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4500	92.3	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	92.9	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	93.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	93.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	93.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	94.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	94.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	94.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	94.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	94.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2691

CEILING VERSUS VISIBILITY

NOTES
67687

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

YEARS

AUG

2100-2300
HOURS 1511

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

2694

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

SEP MONTH

0000-0200
HOURS (ST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	71.0	72.7	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 20000	74.8	76.5	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	75.0	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	75.1	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	76.5	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	78.2	80.2	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	80.4	82.6	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 9000	81.3	83.5	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	82.5	85.0	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 7000	83.6	86.1	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	84.5	87.1	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	85.2	87.9	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	85.4	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	85.8	89.0	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	86.4	89.6	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	86.7	90.0	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	86.9	90.3	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	87.2	90.8	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	87.5	91.3	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	87.7	91.5	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	88.2	92.3	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	88.9	93.2	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	89.2	93.7	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	89.5	94.3	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	89.8	94.8	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	90.0	95.5	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	90.3	95.9	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	90.5	96.5	97.3	97.7	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3
≥ 300	90.8	97.0	97.7	98.2	98.6	98.7	98.8	98.9	99.0	99.0	99.0	99.0
≥ 200	90.9	97.1	97.9	98.4	98.9	99.0	99.3	99.4	99.4	99.7	99.7	99.7
≥ 100	90.9	97.1	97.9	98.5	99.0	99.1	99.4	99.4	99.5	99.8	99.8	99.8
≥ 0	90.9	97.1	97.9	98.5	99.0	99.1	99.4	99.4	99.5	99.8	99.8	99.8

2692

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

SEP

STATION

STATION NAME

YEARS

MONTH

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	67.7	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
≥ 20000	70.7	72.3	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	70.9	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.5
≥ 16000	71.1	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6
≥ 14000	72.3	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9
≥ 12000	74.0	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7
≥ 10000	75.8	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.7
≥ 9000	76.1	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.0
≥ 8000	77.7	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0
≥ 7000	78.4	81.2	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 6000	79.5	82.3	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9
≥ 5000	80.6	83.6	83.9	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3
≥ 4500	80.9	84.0	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 4000	81.3	84.4	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
≥ 3500	81.6	85.0	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.9
≥ 3000	81.8	85.3	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2
≥ 2500	82.1	85.7	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.6
≥ 2000	82.6	86.5	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.6
≥ 1800	82.7	86.8	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.9
≥ 1500	83.4	87.7	88.2	88.5	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9
≥ 1200	84.3	89.0	89.6	89.9	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3
≥ 1000	84.9	89.9	90.6	90.9	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3
≥ 900	85.3	90.3	91.0	91.3	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7
≥ 800	85.9	91.3	92.1	92.4	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8
≥ 700	86.2	91.8	92.7	93.1	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 600	86.3	92.4	93.4	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.4
≥ 500	86.7	93.3	94.3	94.8	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.6
≥ 400	86.8	94.0	95.2	96.0	96.5	96.5	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.1
≥ 300	87.0	94.6	95.9	97.0	97.7	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.5
≥ 200	87.0	94.7	96.0	97.2	97.9	98.0	98.3	98.6	98.6	98.8	98.8	98.9	98.9	99.1
≥ 100	87.0	94.7	96.0	97.2	97.9	98.1	98.4	98.6	98.7	99.0	99.0	99.2	99.2	99.6
≥ 0	87.0	94.7	96.0	97.2	97.9	98.1	98.4	98.6	98.7	99.0	99.0	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2694

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

SEP

MONTH

STATION NAME

YEARS

0600-0800
HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	54.0	59.8	60.2	60.8	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.2	61.2
≥ 20000	57.9	64.7	65.2	65.8	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.3	66.3
≥ 18000	57.9	64.7	65.2	65.8	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.3	66.3
≥ 16000	58.1	65.0	65.4	66.1	66.2	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5
≥ 14000	58.7	65.7	66.2	66.9	67.0	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.3
≥ 12000	61.2	68.5	69.0	69.8	69.9	69.9	70.1	70.1	70.1	70.1	70.2	70.2	70.2
≥ 10000	62.8	70.5	71.1	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.3	72.3	72.3
≥ 9000	63.7	71.5	72.2	73.0	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.5	73.5
≥ 8000	65.9	74.0	74.8	75.6	75.7	75.7	75.9	76.0	76.0	76.0	76.0	76.1	76.1
≥ 7000	66.7	75.1	75.8	76.7	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1
≥ 6000	67.5	76.1	76.9	77.7	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.2	78.2
≥ 5000	68.9	77.7	78.6	79.4	79.5	79.6	79.7	79.8	79.8	79.8	79.9	79.9	79.9
≥ 4500	69.1	78.0	78.9	79.8	80.0	80.1	80.3	80.4	80.4	80.4	80.4	80.5	80.5
≥ 4000	69.6	78.5	79.4	80.3	80.6	80.7	80.9	81.0	81.0	81.0	81.0	81.1	81.1
≥ 3500	69.8	78.8	79.8	80.7	80.9	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4
≥ 3000	70.2	79.6	80.6	81.5	81.8	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3
≥ 2500	70.4	79.8	80.8	81.7	82.1	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6
≥ 2000	71.0	80.7	81.8	82.8	83.2	83.5	83.8	83.9	83.9	83.9	83.9	84.0	84.0
≥ 1800	71.2	81.0	82.2	83.2	83.6	83.8	84.2	84.3	84.3	84.3	84.3	84.4	84.4
≥ 1500	72.1	82.2	83.5	84.5	84.9	85.2	85.5	85.6	85.6	85.6	85.7	85.7	85.7
≥ 1200	72.6	83.1	84.4	85.6	86.0	86.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9
≥ 1000	73.2	84.2	85.7	86.9	87.5	87.8	88.1	88.3	88.4	88.4	88.5	88.5	88.5
≥ 900	73.8	85.2	86.7	87.9	88.5	88.8	89.2	89.5	89.5	89.5	89.6	89.6	89.6
≥ 800	74.4	86.0	87.7	88.9	89.6	89.9	90.2	90.5	90.6	90.6	90.6	90.6	90.6
≥ 700	74.7	86.8	88.4	89.6	90.3	90.6	91.0	91.3	91.4	91.4	91.5	91.5	91.5
≥ 600	75.0	87.4	89.2	90.4	91.2	91.5	91.9	92.2	92.3	92.4	92.4	92.5	92.5
≥ 500	75.3	88.5	90.3	91.6	92.5	92.9	93.3	93.7	93.8	94.0	94.0	94.0	94.0
≥ 400	75.6	89.3	91.5	93.0	94.1	94.5	95.2	95.7	95.8	96.1	96.1	96.1	96.1
≥ 300	75.7	89.7	92.0	93.7	94.9	95.4	96.2	96.8	97.0	97.4	97.4	97.5	97.5
≥ 200	75.7	89.9	92.2	94.0	95.3	95.8	96.8	97.7	97.8	98.2	98.5	98.7	98.7
≥ 100	75.7	89.9	92.2	94.0	95.3	95.8	96.8	97.7	97.8	98.3	98.7	98.9	98.9
≥ 0	75.7	89.9	92.2	94.0	95.3	95.8	96.8	97.7	97.8	98.3	98.7	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

2695

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

SEP

STATION NAME

YEARS

MONTH

0900-1100
HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.9	61.1	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	63.2	66.9	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	63.3	67.1	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 16000	63.4	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	64.1	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	66.2	70.5	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 10000	68.4	73.1	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	69.1	74.2	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	70.7	75.9	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 7000	71.3	76.7	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	71.9	77.7	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	72.6	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	72.9	78.9	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	73.3	79.6	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	73.7	80.0	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	74.6	81.1	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500	75.5	82.3	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	76.9	84.2	84.5	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	77.6	85.1	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	78.9	86.9	87.3	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	80.0	88.6	89.1	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	80.6	89.7	90.3	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	81.0	90.6	91.2	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	81.3	91.4	92.3	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	81.6	92.1	93.0	93.7	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	82.0	93.0	94.0	94.8	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	82.2	93.7	94.9	95.9	96.2	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	82.4	94.5	95.8	97.0	97.5	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	82.4	94.7	96.2	97.5	98.3	98.5	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	82.4	94.7	96.2	97.5	98.4	98.5	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 100	82.4	94.7	96.2	97.5	98.4	98.5	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	82.4	94.7	96.2	97.5	98.4	98.5	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 2686

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH SEP 1200-1400 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.3	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	67.2	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	67.2	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000	67.4	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	68.5	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 12000	71.1	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 10000	72.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	73.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 8000	74.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	75.0	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000	75.5	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	76.6	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	77.3	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000	79.0	83.0	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	79.9	84.2	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	82.2	86.7	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	83.8	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	85.7	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	86.1	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	87.4	93.3	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	88.2	94.6	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	88.6	95.6	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	88.7	95.8	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	88.9	96.3	96.7	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	89.0	96.8	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	89.1	97.3	97.7	97.9	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	89.1	97.4	97.8	98.1	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	89.2	97.6	98.1	98.4	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	89.2	97.7	98.3	98.6	99.0	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	89.2	97.7	98.3	98.6	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	89.2	97.7	98.3	98.6	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	89.2	97.7	98.3	98.6	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2696

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

SEP

STATION NAME

YEARS

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.1	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 20000	72.6	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000	72.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	72.9	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 14000	74.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	76.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 10000	78.4	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 9000	79.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	80.1	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	80.8	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	81.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	83.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	83.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	85.1	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	86.1	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	87.2	91.8	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	87.9	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	88.6	93.7	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	88.9	94.1	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	89.3	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 1200	89.7	95.5	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2
≥ 1000	89.9	96.3	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
≥ 900	90.0	96.4	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3
≥ 800	90.1	96.7	97.1	97.3	97.4	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7
≥ 700	90.1	97.0	97.4	97.6	97.7	97.7	97.7	97.8	97.8	97.9	98.0	98.0	98.0	98.0
≥ 600	90.2	97.3	97.7	97.9	98.1	98.1	98.1	98.2	98.2	98.3	98.5	98.5	98.5	98.5
≥ 500	90.3	97.6	98.0	98.3	98.4	98.4	98.4	98.6	98.6	98.7	98.8	98.9	98.9	98.9
≥ 400	90.3	97.6	98.2	98.5	98.7	98.7	98.8	98.8	98.9	99.1	99.3	99.4	99.4	99.4
≥ 300	90.3	97.7	98.3	98.6	98.8	98.8	98.9	99.1	99.3	99.5	99.6	99.7	99.7	99.7
≥ 200	90.3	97.7	98.3	98.6	98.8	98.8	98.8	99.0	99.2	99.5	99.7	99.8	99.8	99.8
≥ 100	90.3	97.7	98.3	98.6	98.8	98.8	98.8	99.0	99.2	99.5	99.7	99.9	99.9	99.9
0	90.3	97.7	98.3	98.6	98.8	98.8	98.8	99.0	99.2	99.5	99.7	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2695

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919

TINKER AFB OK/OKLAHOMA CITY

+3-72

STATION NAME

YEARS

SEP

MONTH

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	67.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 2000	75.5	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1800	75.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1600	75.7	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1400	76.4	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1200	78.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1000	80.8	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 900	81.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 800	83.1	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 700	84.1	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 600	84.7	88.0	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 500	85.7	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	86.3	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4000	86.9	91.4	91.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	87.6	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	88.2	93.0	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	88.4	93.6	93.8	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	88.9	94.2	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	89.0	94.4	94.6	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	89.1	94.6	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	89.7	95.5	95.8	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	89.8	96.0	96.3	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	89.8	96.3	96.6	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	90.0	96.7	97.0	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	90.0	96.9	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	90.2	97.1	97.5	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	90.2	97.4	97.8	98.1	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	90.2	97.5	98.0	98.3	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.1
≥ 300	90.2	97.6	98.1	98.4	98.8	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.4
≥ 200	90.2	97.6	98.1	98.5	98.8	98.9	99.2	99.3	99.3	99.6	99.6	99.6	99.6
≥ 100	90.2	97.6	98.1	98.5	98.8	98.9	99.2	99.3	99.3	99.6	99.6	99.6	99.6
≥ 0	90.2	97.6	98.1	98.5	98.8	98.9	99.2	99.3	99.3	99.6	99.6	99.6	99.6

2685

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	71.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	76.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 18000	76.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	76.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 14000	77.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	78.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 10000	81.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	82.3	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	84.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	85.1	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	85.9	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	87.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	87.4	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	88.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	88.5	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	88.9	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5
≥ 2500	89.2	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	89.8	93.5	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	90.0	93.7	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	90.4	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	90.9	95.0	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	91.2	95.8	96.1	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	91.2	95.9	96.3	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	91.3	96.1	96.5	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	91.4	96.4	96.7	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	91.5	96.6	97.0	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	91.7	96.9	97.3	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	91.9	97.4	97.8	98.0	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6
≥ 300	91.9	97.5	98.1	98.3	98.7	98.8	98.9	99.0	99.2	99.2	99.2	99.2
≥ 200	91.9	97.5	98.2	98.4	98.9	99.0	99.2	99.4	99.5	99.7	99.8	99.8
≥ 100	91.9	97.6	98.3	98.5	99.0	99.1	99.3	99.4	99.6	99.8	99.9	99.9
≥ 0	91.9	97.6	98.3	98.5	99.0	99.1	99.3	99.4	99.6	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2696

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-70,72

STATION NAME

YEARS

OCT

MONTH

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.4	72.6	72.8	73.0	73.3	73.5	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	74.4	75.6	75.7	76.0	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 18000	74.5	75.7	75.9	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 16000	74.7	75.9	76.0	76.3	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	75.5	76.8	76.9	77.2	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 12000	76.9	78.4	78.5	78.8	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
≥ 10000	78.7	80.4	80.5	80.8	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	79.0	80.7	80.9	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 8000	80.1	82.0	82.1	82.4	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	80.6	82.6	82.8	83.0	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	81.5	83.6	83.8	84.0	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	82.8	85.1	85.3	85.5	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	85.2	85.6	85.8	86.0	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	84.2	86.6	86.7	87.0	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	84.9	87.3	87.5	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	85.8	88.4	88.5	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 2500	86.4	89.1	89.3	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	87.5	90.4	90.5	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 1800	87.8	90.7	90.8	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	88.3	91.3	91.4	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
≥ 1200	88.9	92.1	92.3	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 1000	89.3	93.1	93.3	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 900	89.5	93.4	93.6	94.1	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	89.6	94.0	94.2	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 700	89.8	94.4	94.5	95.1	95.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	90.0	94.8	95.0	95.5	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	90.2	95.3	95.5	96.0	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	90.3	95.7	95.9	96.6	97.1	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300	90.4	96.0	96.3	97.0	97.7	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7
≥ 200	90.4	96.0	96.4	97.1	97.8	98.1	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9
≥ 100	90.4	96.0	96.4	97.2	97.9	98.2	98.6	98.7	99.1	99.1	99.3	99.4	99.4	99.6
≥ 0	90.4	96.0	96.4	97.2	97.9	98.2	98.6	98.7	98.7	99.1	99.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2696

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-70,72

OCT

STATION NAME

YEARS

MONTH

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	68.1	69.7	70.1	70.3	70.4	70.4	70.4	70.5	70.5	70.6	70.6	70.7	70.7
≥ 20000	70.1	71.8	72.0	72.3	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.9
≥ 18000	70.3	72.0	72.1	72.4	72.6	72.6	72.7	72.8	72.8	72.9	72.9	73.0	73.0
≥ 16000	70.3	72.0	72.2	72.5	72.6	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0
≥ 14000	71.3	73.1	73.3	73.6	73.7	73.7	73.9	73.9	74.0	74.0	74.0	74.1	74.1
≥ 12000	72.8	74.8	75.0	75.3	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.8	75.9
≥ 10000	74.2	76.3	76.5	76.8	77.0	77.1	77.1	77.2	77.2	77.3	77.3	77.4	77.4
≥ 9000	74.8	76.9	77.1	77.4	77.6	77.6	77.7	77.7	77.8	77.9	77.9	78.0	78.0
≥ 8000	76.0	78.3	78.4	78.7	78.9	78.9	79.0	79.0	79.2	79.2	79.3	79.3	79.4
≥ 7000	76.7	79.0	79.2	79.5	79.6	79.6	79.7	79.7	79.9	79.9	80.0	80.0	80.1
≥ 6000	77.6	80.2	80.3	80.6	80.8	80.8	80.9	80.9	81.0	81.1	81.1	81.2	81.3
≥ 5000	79.2	82.0	82.3	82.6	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.2	83.2
≥ 4500	79.6	82.5	82.7	83.0	83.2	83.2	83.3	83.3	83.4	83.5	83.5	83.6	83.7
≥ 4000	80.5	83.5	83.7	84.1	84.3	84.3	84.4	84.4	84.5	84.6	84.6	84.7	84.8
≥ 3500	80.8	83.8	84.1	84.5	84.7	84.7	84.8	84.8	84.9	85.0	85.0	85.1	85.2
≥ 3000	81.3	84.4	84.7	85.1	85.3	85.3	85.4	85.4	85.5	85.6	85.6	85.7	85.8
≥ 2500	82.0	85.3	85.6	86.1	86.2	86.3	86.4	86.4	86.5	86.6	86.6	86.8	87.0
≥ 2000	83.0	86.5	86.7	87.2	87.4	87.4	87.5	87.5	87.6	87.7	87.7	87.8	87.9
≥ 1800	83.1	86.6	86.9	87.4	87.5	87.6	87.7	87.7	87.8	87.9	88.0	88.1	88.3
≥ 1500	84.0	87.5	87.8	88.3	88.5	88.6	88.8	88.8	88.9	88.9	89.1	89.1	89.3
≥ 1200	85.1	88.8	89.1	89.7	89.9	89.9	90.1	90.1	90.2	90.3	90.3	90.4	90.5
≥ 1000	85.8	89.7	90.0	90.5	90.7	90.8	90.9	90.9	91.0	91.1	91.1	91.3	91.4
≥ 900	86.2	90.6	90.9	91.5	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.3	92.4
≥ 800	86.5	91.3	91.7	92.2	92.4	92.5	92.7	92.7	92.8	92.8	92.8	93.0	93.1
≥ 700	86.7	91.8	92.2	92.7	93.0	93.0	93.2	93.2	93.3	93.4	93.4	93.5	93.6
≥ 600	87.1	92.8	93.1	93.7	94.0	94.0	94.2	94.2	94.3	94.4	94.4	94.5	94.6
≥ 500	87.4	93.5	93.8	94.4	94.8	94.9	95.0	95.0	95.2	95.2	95.2	95.4	95.4
≥ 400	87.5	94.1	94.5	95.3	95.8	96.1	96.3	96.4	96.5	96.7	96.7	96.8	96.9
≥ 300	87.6	94.6	95.1	96.0	96.6	96.9	97.3	97.3	97.4	97.6	97.6	97.8	97.9
≥ 200	87.6	94.7	95.3	96.1	96.8	97.1	97.6	97.6	97.8	98.0	98.1	98.2	98.4
≥ 100	87.6	94.7	95.3	96.1	96.8	97.1	97.6	97.6	97.8	98.1	98.3	98.5	98.7
≥ 0	87.6	94.7	95.3	96.1	96.8	97.1	97.6	97.6	97.8	98.1	98.3	98.5	98.7

2696

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-70,72

OCT

STATION NAME

YEARS

0600-0800
HOURS(EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	58.3	63.0	63.5	63.8	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.4
≥ 20000	61.0	66.2	66.9	67.1	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.7	67.7
≥ 18000	61.1	66.3	66.9	67.1	67.4	67.4	67.6	67.6	67.6	67.7	67.7	67.8	67.8
≥ 16000	61.3	66.5	67.1	67.3	67.6	67.6	67.8	67.8	67.8	67.9	67.9	68.0	68.0
≥ 14000	62.1	67.3	67.9	68.1	68.5	68.5	68.6	68.6	68.7	68.7	68.7	68.8	68.8
≥ 12000	63.6	69.0	69.6	69.8	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.5	70.5
≥ 10000	65.3	71.1	71.8	72.0	72.4	72.4	72.6	72.6	72.7	72.7	72.8	72.8	72.8
≥ 9000	65.8	71.7	72.5	72.7	73.1	73.1	73.3	73.3	73.4	73.4	73.4	73.5	73.5
≥ 8000	67.2	73.6	74.3	74.6	75.0	75.0	75.3	75.3	75.4	75.4	75.4	75.5	75.5
≥ 7000	68.0	74.4	75.1	75.4	75.8	75.9	76.1	76.2	76.2	76.3	76.3	76.4	76.4
≥ 6000	68.7	75.5	76.3	76.6	77.0	77.0	77.3	77.3	77.4	77.4	77.4	77.5	77.5
≥ 5000	69.7	76.9	77.7	78.0	78.4	78.4	78.7	78.7	78.7	78.8	78.8	78.9	78.9
≥ 4500	70.1	77.4	78.2	78.5	78.9	79.0	79.2	79.3	79.3	79.3	79.4	79.5	79.5
≥ 4000	70.7	78.3	79.1	79.5	80.0	80.0	80.3	80.3	80.3	80.4	80.4	80.5	80.5
≥ 3500	71.3	78.9	79.7	80.2	80.6	80.6	80.9	80.9	81.0	81.0	81.0	81.1	81.1
≥ 3000	71.9	79.7	80.5	80.9	81.4	81.5	81.8	81.8	81.8	81.9	81.9	82.0	82.0
≥ 2500	72.6	80.5	81.4	81.8	82.3	82.4	82.6	82.7	82.7	82.8	82.8	82.9	82.9
≥ 2000	73.4	81.6	82.5	83.0	83.5	83.6	83.8	83.9	83.9	83.9	84.0	84.1	84.1
≥ 1800	73.5	81.8	82.8	83.2	83.7	83.8	84.1	84.2	84.2	84.2	84.3	84.4	84.4
≥ 1500	74.1	82.8	83.8	84.2	84.8	84.9	85.2	85.2	85.2	85.3	85.3	85.4	85.4
≥ 1200	75.3	84.3	85.3	85.8	86.3	86.4	86.7	86.7	86.8	86.8	86.8	86.9	86.9
≥ 1000	76.1	85.6	86.6	87.2	87.8	87.9	88.2	88.2	88.3	88.4	88.4	88.5	88.5
≥ 900	76.5	86.3	87.4	87.9	88.5	88.6	88.9	89.0	89.0	89.2	89.2	89.3	89.3
≥ 800	77.0	87.5	88.6	89.3	89.9	90.0	90.3	90.4	90.4	90.6	90.6	90.7	90.7
≥ 700	77.5	88.5	89.6	90.3	90.9	91.0	91.4	91.5	91.5	91.7	91.8	91.9	91.9
≥ 600	77.9	89.4	90.6	91.2	91.9	92.1	92.5	92.6	92.6	92.9	92.9	93.1	93.1
≥ 500	78.0	90.1	91.4	92.2	93.2	93.4	93.9	94.0	94.0	94.3	94.3	94.5	94.5
≥ 400	78.2	90.7	92.1	93.2	94.4	94.5	95.3	95.5	95.6	95.8	95.9	96.0	96.0
≥ 300	78.3	90.9	92.5	93.6	95.0	95.2	96.2	96.5	96.6	96.9	97.0	97.2	97.2
≥ 200	78.4	91.2	92.8	93.9	95.4	95.5	96.7	97.0	97.2	97.6	97.7	97.9	97.9
≥ 100	78.4	91.2	92.8	93.9	95.5	95.6	96.8	97.2	97.4	97.8	98.1	98.4	98.4
≥ 0	78.4	91.2	92.8	93.9	95.5	95.6	96.8	97.2	97.4	97.8	98.1	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS

2691

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-70,72

0CT

MONTH

YEARS

0900-1100

HOURLY(EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	58.1	61.7	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	63.4	67.5	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 18000	63.4	67.5	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	63.6	67.7	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2
≥ 14000	64.7	69.0	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5
≥ 12000	65.9	70.2	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7
≥ 10000	67.7	72.3	72.5	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9
≥ 9000	68.0	72.9	73.1	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5
≥ 8000	69.9	75.0	75.2	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7
≥ 7000	70.5	75.9	76.2	76.4	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 6000	71.3	76.9	77.2	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8
≥ 5000	72.5	78.4	78.7	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3
≥ 4500	72.6	78.7	79.1	79.3	79.5	79.5	79.5	79.6	79.6	79.6	79.7	79.7
≥ 4000	73.2	79.4	79.8	80.1	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.5
≥ 3500	73.7	80.0	80.4	80.7	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1
≥ 3000	74.4	80.9	81.3	81.6	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0
≥ 2500	75.2	82.0	82.3	82.6	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.2
≥ 2000	76.5	83.6	84.0	84.3	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9
≥ 1800	76.8	84.1	84.5	84.8	85.2	85.2	85.3	85.3	85.3	85.3	85.4	85.4
≥ 1500	77.9	85.6	86.1	86.4	86.7	86.8	86.9	86.9	86.9	86.9	87.0	87.0
≥ 1200	79.5	88.1	88.6	88.9	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6
≥ 1000	80.3	89.4	89.9	90.2	90.7	90.8	90.9	91.0	91.0	91.0	91.1	91.1
≥ 900	81.0	90.3	90.9	91.2	91.8	91.8	92.1	92.1	92.1	92.1	92.2	92.2
≥ 800	81.4	91.2	91.9	92.3	92.9	92.9	93.2	93.2	93.3	93.3	93.3	93.3
≥ 700	81.9	92.2	92.9	93.4	94.1	94.1	94.4	94.5	94.5	94.5	94.6	94.6
≥ 600	82.2	93.0	94.0	94.5	95.2	95.3	95.7	95.8	95.9	95.9	96.0	96.0
≥ 500	82.2	93.1	94.2	94.9	95.8	96.0	96.5	96.6	96.7	96.7	96.8	96.8
≥ 400	82.3	93.3	94.6	95.3	96.4	96.6	97.3	97.6	97.6	97.7	97.8	97.8
≥ 300	82.3	93.6	95.0	95.8	97.1	97.3	98.2	98.6	98.6	98.8	98.8	98.9
≥ 200	82.3	93.8	95.2	96.0	97.3	97.6	98.6	99.0	99.0	99.2	99.3	99.4
≥ 100	82.3	93.8	95.2	96.0	97.3	97.6	98.6	99.0	99.1	99.3	99.5	99.7
≥ 0	82.3	93.8	95.2	96.0	97.3	97.6	98.6	99.0	99.1	99.3	99.5	99.7

2694

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-70,72 STATION NAME
YEARS MONTH HOURS (LST) 001 1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.7	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	68.0	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000	68.1	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	68.4	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	69.6	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 12000	71.3	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 10000	73.6	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000	74.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	75.3	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	75.7	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	76.8	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 5000	77.9	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	78.4	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	79.9	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	80.8	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	82.3	85.3	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	83.6	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	85.0	88.9	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	85.4	89.5	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	86.8	91.5	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	87.9	93.3	93.4	93.5	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	88.4	94.3	94.6	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	88.5	94.6	94.9	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	88.7	95.1	95.5	95.7	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	89.0	95.6	96.1	96.3	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	89.1	95.8	96.4	96.6	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	89.3	96.3	96.9	97.3	97.7	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	89.4	96.6	97.5	97.8	98.3	98.4	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	89.5	96.7	97.6	98.0	98.5	98.6	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	89.5	96.8	97.7	98.1	98.6	98.7	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	89.5	96.8	97.7	98.1	98.6	98.7	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	89.5	96.8	97.7	98.1	98.6	98.7	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2691

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-70,72

STATION NAME

YEARS

UCT

MONTH

1500-1700
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STAT. - TE MILES)												
	< 1/10	≥ 1/10	≥ 1/8	≥ 1/4	≥ 1/2	≥ 3/4	≥ 1	≥ 1 1/4	≥ 1 1/2	≥ 2	≥ 2 1/2	≥ 3	≥ 4
NO CEILING	62.6	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	70.5	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	70.7	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	70.8	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	72.4	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	74.1	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	76.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 9000	77.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000	79.2	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	79.7	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	80.2	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	81.3	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	82.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	83.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	84.5	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	85.9	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	87.1	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	88.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	88.3	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	89.1	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	89.8	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	90.0	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	90.0	95.4	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	90.1	95.7	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	90.3	96.0	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	90.3	96.4	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	90.3	96.5	97.1	97.5	97.9	98.0	98.2	98.4	98.5	98.8	99.2	99.6	99.9
≥ 400	90.4	96.7	97.4	98.0	98.4	98.5	98.8	99.2	99.6	99.9	100.0	100.0	100.0
≥ 300	90.5	96.8	97.6	98.2	98.6	98.7	99.1	99.6	99.9	100.0	100.0	100.0	100.0
≥ 200	90.5	96.9	97.7	98.3	98.7	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0
≥ 100	90.5	96.9	97.7	98.3	98.7	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0
≥ 0	90.5	96.9	97.7	98.3	98.7	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2688

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

UCT
MONTH

STATION NAME

YEARS

1800-2000
HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	68.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000	74.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	74.9	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	75.0	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	76.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 12000	77.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	80.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 9000	80.9	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	82.3	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	83.0	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	83.5	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	84.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	85.1	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	86.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	86.9	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	87.8	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	88.6	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	89.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	89.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	90.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 1200	91.0	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
≥ 1000	91.2	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	91.2	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	91.3	96.5	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	91.4	96.5	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 600	91.5	96.8	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	91.6	97.2	97.4	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	91.7	97.5	97.8	98.0	98.3	98.4	98.4	98.6	98.6	98.7	98.8	98.8	98.8
≥ 300	91.7	97.7	98.0	98.2	98.6	98.7	98.7	99.0	99.0	99.3	99.4	99.4	99.4
≥ 200	91.7	97.7	98.1	98.4	98.7	98.8	99.0	99.4	99.4	99.7	99.8	99.9	99.9
≥ 100	91.7	97.7	98.2	98.4	98.8	98.9	99.1	99.5	99.5	99.8	99.9	100.0	100.0
≥ 0	91.7	97.7	98.2	98.4	98.8	98.9	99.1	99.5	99.5	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2693

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13919 STATION NAME TINKER AFB OK/OKLAHOMA CITY YEARS 43-72 MONTH OCT HOURS 2100-2300
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	71.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1
≥ 20000	76.0	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5
≥ 18000	76.1	77.3	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6
≥ 16000	76.3	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	77.2	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	78.2	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 10000	80.5	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9000	81.2	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	82.1	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	83.1	85.4	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7
≥ 6000	83.8	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	85.1	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	85.7	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	86.5	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	86.9	89.7	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1
≥ 3000	87.8	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	88.5	91.5	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9
≥ 2000	89.6	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	89.8	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	90.6	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	91.1	94.5	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0
≥ 1000	91.3	94.9	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4
≥ 900	91.4	95.1	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	91.6	95.6	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1
≥ 700	91.7	95.8	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	91.8	96.3	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	92.0	96.6	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2
≥ 400	92.1	96.9	97.3	97.4	97.6	97.8	97.9	98.0	98.0	98.1	98.2
≥ 300	92.2	97.3	97.7	97.9	98.1	98.3	98.5	98.6	98.6	98.8	98.9
≥ 200	92.2	97.3	97.8	98.0	98.4	98.6	98.8	99.0	99.0	99.1	99.4
≥ 100	92.2	97.3	97.8	98.1	98.4	98.6	99.0	99.1	99.1	99.4	99.6
≥ 0	92.2	97.3	97.8	98.1	98.4	98.6	99.0	99.1	99.1	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS

2697

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

NDV
MONTH

0000-0200
HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	68.6	69.6	69.7	69.8	69.9	69.9	70.1	70.3	70.3	70.3	70.3	70.3
≥ 20000	71.6	72.8	72.8	72.9	73.0	73.0	73.2	73.4	73.4	73.4	73.4	73.5
≥ 18000	71.6	72.8	72.9	73.0	73.1	73.1	73.3	73.5	73.5	73.5	73.5	73.6
≥ 16000	71.8	73.0	73.0	73.1	73.2	73.2	73.4	73.6	73.6	73.6	73.6	73.7
≥ 14000	72.0	73.2	73.2	73.4	73.4	73.4	73.7	73.8	73.8	73.8	73.8	73.9
≥ 12000	72.9	74.1	74.1	74.2	74.3	74.3	74.5	74.7	74.7	74.7	74.7	74.8
≥ 10000	73.8	75.1	75.1	75.3	75.3	75.3	75.5	75.7	75.7	75.7	75.7	75.8
≥ 9000	74.4	75.7	75.7	75.8	75.9	75.9	76.1	76.3	76.3	76.3	76.3	76.4
≥ 8000	75.2	76.4	76.5	76.6	76.7	76.7	76.9	77.1	77.1	77.1	77.1	77.2
≥ 7000	75.9	77.2	77.2	77.3	77.4	77.4	77.6	77.8	77.8	77.8	77.8	77.9
≥ 6000	76.3	77.7	77.7	77.8	77.9	77.9	78.1	78.3	78.3	78.3	78.3	78.4
≥ 5000	77.2	78.6	78.7	78.8	78.9	78.9	79.1	79.3	79.3	79.3	79.3	79.4
≥ 4500	77.7	79.1	79.2	79.3	79.4	79.4	79.6	79.8	79.8	79.8	79.8	79.9
≥ 4000	78.5	79.9	80.0	80.1	80.2	80.2	80.4	80.6	80.6	80.6	80.6	80.7
≥ 3500	79.3	80.8	80.9	81.1	81.2	81.2	81.4	81.6	81.6	81.6	81.6	81.7
≥ 3000	80.2	81.8	82.0	82.1	82.2	82.2	82.4	82.6	82.6	82.6	82.6	82.7
≥ 2500	81.4	83.1	83.3	83.4	83.5	83.5	83.7	83.9	83.9	83.9	83.9	84.0
≥ 2000	82.4	84.4	84.6	84.8	84.9	84.9	85.1	85.3	85.3	85.3	85.3	85.4
≥ 1800	82.8	85.0	85.3	85.4	85.5	85.5	85.7	85.9	85.9	85.9	85.9	86.0
≥ 1500	84.6	87.0	87.3	87.4	87.5	87.5	87.8	88.0	88.0	88.0	88.0	88.1
≥ 1200	85.4	88.1	88.3	88.5	88.6	88.6	88.8	89.0	89.0	89.0	89.0	89.1
≥ 1000	86.3	89.4	89.6	89.8	89.9	89.9	90.0	90.2	90.4	90.4	90.5	90.6
≥ 900	86.6	89.8	90.0	90.2	90.3	90.4	90.6	90.8	90.8	90.9	90.9	91.0
≥ 800	86.9	90.5	90.8	91.1	91.2	91.2	91.5	91.7	91.7	91.8	91.8	91.9
≥ 700	87.2	91.1	91.3	91.6	91.8	91.8	92.1	92.3	92.3	92.4	92.5	92.6
≥ 600	87.6	91.8	92.2	92.6	92.9	92.9	93.2	93.4	93.4	93.6	93.6	93.7
≥ 500	87.8	92.3	92.8	93.3	93.7	93.8	94.2	94.5	94.5	94.6	94.6	94.7
≥ 400	87.8	92.9	93.5	94.3	94.9	94.9	95.3	95.6	95.6	95.7	95.8	95.9
≥ 300	87.9	93.4	94.2	95.0	95.8	95.8	96.4	96.7	96.7	96.8	97.0	97.1
≥ 200	87.9	93.9	94.6	95.6	96.7	96.7	97.4	97.8	97.8	98.1	98.3	98.4
≥ 100	87.9	93.9	94.6	95.6	96.8	96.8	97.6	98.0	98.0	98.4	98.7	98.8
≥ 0	87.9	93.9	94.6	95.6	96.8	96.8	97.6	98.0	98.0	98.4	98.7	98.8

2687

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH NOV

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.6	66.9	67.1	67.3	67.4	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.9
≥ 20000	68.7	70.2	70.4	70.7	70.8	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.2	71.2	71.3
≥ 18000	68.8	70.3	70.5	70.8	70.9	70.9	71.0	71.0	71.0	71.2	71.2	71.2	71.3	71.3	71.4
≥ 16000	69.2	70.8	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.7	71.7	71.7	71.8	71.8	71.9
≥ 14000	69.9	71.5	71.7	71.9	72.0	72.1	72.2	72.2	72.2	72.4	72.4	72.4	72.5	72.5	72.6
≥ 12000	70.8	72.3	72.5	72.8	72.9	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.3	73.3	73.4
≥ 10000	72.1	73.7	73.9	74.1	74.3	74.3	74.4	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.8
≥ 9000	72.8	74.5	74.7	74.9	75.0	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.6
≥ 8000	73.7	75.3	75.5	75.8	75.9	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.3	76.3	76.4
≥ 7000	74.3	76.0	76.2	76.4	76.5	76.6	76.7	76.7	76.7	76.9	76.9	76.9	77.0	77.0	77.1
≥ 6000	74.7	76.6	76.8	77.0	77.2	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.6	77.6	77.7
≥ 5000	75.3	77.3	77.5	77.8	77.9	77.9	78.0	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.4
≥ 4500	75.7	77.8	78.0	78.3	78.4	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.8	78.8	78.9
≥ 4000	76.2	78.3	78.5	78.7	78.8	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.4
≥ 3500	76.9	79.0	79.2	79.5	79.6	79.7	79.7	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.1
≥ 3000	77.8	79.9	80.1	80.3	80.4	80.5	80.6	80.6	80.6	80.8	80.8	80.8	80.9	80.9	81.0
≥ 2500	78.7	80.8	81.0	81.3	81.4	81.4	81.5	81.5	81.5	81.7	81.7	81.7	81.8	81.8	81.9
≥ 2000	80.1	82.4	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.6
≥ 1800	80.5	83.1	83.3	83.6	83.7	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.3
≥ 1500	81.5	84.4	84.6	84.9	85.0	85.1	85.2	85.2	85.2	85.4	85.4	85.4	85.5	85.5	85.6
≥ 1200	83.2	86.4	86.6	86.9	87.1	87.2	87.3	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.7
≥ 1000	84.3	87.9	88.2	88.6	88.8	88.9	89.0	89.0	89.0	89.3	89.3	89.3	89.4	89.4	89.5
≥ 900	84.7	88.5	88.9	89.2	89.4	89.5	89.7	89.7	89.7	90.0	90.0	90.0	90.1	90.1	90.2
≥ 800	85.4	89.5	89.9	90.3	90.5	90.6	90.7	90.7	90.7	91.0	91.0	91.0	91.1	91.1	91.2
≥ 700	85.7	90.1	90.4	90.8	91.0	91.1	91.3	91.3	91.3	91.6	91.6	91.6	91.7	91.7	91.8
≥ 600	86.0	90.8	91.2	91.6	91.9	92.0	92.2	92.2	92.2	92.5	92.5	92.6	92.7	92.7	92.8
≥ 500	86.2	91.6	92.0	92.5	92.8	92.9	93.1	93.1	93.1	93.4	93.4	93.5	93.6	93.6	93.7
≥ 400	86.3	92.2	92.9	93.5	93.9	94.0	94.2	94.3	94.3	94.6	94.6	94.7	94.8	94.8	94.9
≥ 300	86.3	92.6	93.5	94.2	94.8	95.1	95.5	95.6	95.6	95.9	96.0	96.1	96.2	96.2	96.3
≥ 200	86.3	92.9	93.9	94.7	95.5	95.8	96.4	96.7	96.7	97.4	97.5	97.6	97.7	97.7	97.8
≥ 100	86.3	93.0	93.9	94.8	95.6	95.9	96.6	96.9	96.9	97.8	98.1	98.3	98.4	98.4	98.5
≥ 0	86.3	93.0	93.9	94.8	95.6	95.9	96.6	96.9	96.9	97.9	98.1	98.5	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2688

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

NOV

STATION NAME

YEAR

0600-0800
HOURS/LSI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	57.8	60.4	60.9	61.2	61.3	61.4	61.4	61.5	61.5	61.6	61.7	61.7	61.7	61.7	62.2	62.5
≥ 20000	62.0	65.0	65.5	65.9	66.0	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.5	66.5	66.9	67.3
≥ 18000	62.0	65.1	65.6	66.0	66.1	66.2	66.2	66.3	66.3	66.4	66.5	66.5	66.5	66.5	67.0	67.3
≥ 16000	62.5	65.6	66.1	66.5	66.6	66.7	66.7	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.5	67.8
≥ 14000	63.5	66.6	67.1	67.5	67.6	67.7	67.8	67.9	67.9	67.9	68.0	68.0	68.1	68.2	68.5	68.9
≥ 12000	65.2	68.4	68.8	69.2	69.4	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.8	70.0	70.3	70.6
≥ 10000	66.6	69.8	70.3	70.7	70.8	70.9	71.0	71.1	71.1	71.1	71.2	71.2	71.3	71.4	71.7	72.1
≥ 9000	67.2	70.4	70.9	71.3	71.4	71.5	71.5	71.6	71.6	71.7	71.8	71.8	72.0	72.3	72.7	73.8
≥ 8000	67.9	71.4	71.9	72.3	72.5	72.6	72.6	72.7	72.7	72.8	72.9	72.9	73.1	73.4	73.8	74.6
≥ 7000	68.7	72.2	72.7	73.1	73.3	73.4	73.4	73.5	73.5	73.6	73.7	73.7	73.9	74.2	74.6	75.5
≥ 6000	69.3	73.0	73.6	74.0	74.2	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.9	75.2	75.5	76.4
≥ 5000	70.1	73.9	74.4	74.9	75.1	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.7	76.0	76.3	76.8
≥ 4500	70.4	74.3	74.6	75.3	75.5	75.7	75.7	75.8	75.8	75.9	75.9	75.9	76.0	76.2	76.5	77.5
≥ 4000	71.0	74.9	75.5	75.9	76.2	76.3	76.4	76.5	76.5	76.5	76.6	76.6	76.7	76.8	77.1	77.5
≥ 3500	71.3	75.3	75.8	76.3	76.5	76.7	76.7	76.8	76.8	76.9	77.0	77.0	77.2	77.5	77.9	78.6
≥ 3000	72.0	76.0	76.5	77.0	77.3	77.4	77.5	77.6	77.6	77.7	77.7	77.7	77.8	78.0	78.3	79.9
≥ 2500	73.2	77.0	78.2	78.7	78.9	79.1	79.1	79.2	79.2	79.3	79.4	79.4	79.6	79.9	80.3	82.2
≥ 2000	74.6	79.5	80.1	80.6	80.9	81.0	81.1	81.2	81.2	81.3	81.3	81.4	81.6	81.9	82.2	83.1
≥ 1800	75.3	80.3	80.9	81.5	81.8	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.4	82.7	83.1	84.9
≥ 1500	76.5	82.1	82.7	83.2	83.5	83.7	83.7	83.8	83.8	83.9	84.0	84.0	84.2	84.5	84.9	87.0
≥ 1200	77.8	84.1	84.7	85.3	85.7	85.8	85.9	86.0	86.0	86.1	86.2	86.2	86.4	86.7	87.0	88.6
≥ 1000	78.7	85.4	86.1	86.7	87.1	87.3	87.3	87.5	87.5	87.6	87.7	87.7	87.9	88.2	88.6	89.4
≥ 900	79.0	86.1	86.9	87.4	87.9	88.0	88.1	88.3	88.3	88.4	88.5	88.5	88.7	89.0	89.4	90.1
≥ 800	79.3	86.7	87.5	88.1	88.6	88.7	88.8	89.1	89.1	89.2	89.2	89.3	89.5	89.8	90.1	91.1
≥ 700	79.7	87.5	88.4	89.1	89.5	89.7	89.8	90.0	90.0	90.1	90.2	90.2	90.4	90.7	91.1	91.9
≥ 600	80.0	88.1	89.1	89.8	90.3	90.5	90.6	90.8	90.8	91.0	91.0	91.0	91.3	91.5	91.9	92.8
≥ 500	80.3	88.8	89.8	90.5	91.1	91.3	91.4	91.7	91.7	91.8	91.9	91.9	92.1	92.4	92.8	94.5
≥ 400	80.4	89.5	90.7	91.6	92.4	92.7	92.9	93.3	93.4	93.5	93.6	93.6	93.8	94.1	94.5	96.6
≥ 300	80.4	90.1	91.4	92.6	93.7	94.2	94.6	95.0	95.2	95.5	95.6	95.7	95.9	96.2	96.6	98.3
≥ 200	80.4	90.4	91.8	93.0	94.3	94.8	95.5	96.1	96.3	96.8	97.1	97.2	97.5	97.8	98.3	99.3
≥ 100	80.4	90.4	91.8	93.0	94.3	94.8	95.5	96.2	96.4	97.1	97.4	97.5	97.7	98.0	98.5	99.3
≥ 0	80.4	90.4	91.8	93.0	94.3	94.8	95.5	96.2	96.4	97.1	97.4	97.5	97.7	98.0	98.7	100.0

2686

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM 0-14-5 (O) (A)

1 JUL 44

REPLACES FORMS 0-14-5 (O) (A) PREVIOUS EDITIONS OF THIS FORM

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS NOV MONTH

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	54.1	57.9	57.9	58.1	58.2	58.2	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5
≥ 20000	61.3	65.8	65.9	66.1	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.5
≥ 18000	61.5	66.2	66.2	66.4	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8
≥ 16000	62.0	66.6	66.7	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2
≥ 14000	62.6	67.3	67.4	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.9	67.9	67.9
≥ 12000	64.5	69.4	69.6	69.8	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.3
≥ 10000	66.1	71.2	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.0
≥ 9000	66.5	71.6	71.8	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.3	72.3	72.5
≥ 8000	67.4	72.7	72.9	73.1	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.7
≥ 7000	68.2	73.7	74.0	74.3	74.4	74.4	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.9
≥ 6000	69.0	74.6	74.9	75.2	75.3	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.9
≥ 5000	69.6	75.7	76.0	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.7	76.8	76.8	77.0
≥ 4500	70.0	76.2	76.5	76.9	77.0	77.0	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.5
≥ 4000	70.7	76.9	77.3	77.6	77.7	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.2
≥ 3500	71.2	77.5	77.8	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.8
≥ 3000	71.9	78.3	78.7	79.1	79.2	79.2	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.7
≥ 2500	72.4	79.1	79.5	79.9	80.0	80.0	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.6
≥ 2000	73.8	80.8	81.3	81.7	81.8	81.8	81.9	82.0	82.1	82.1	82.1	82.2	82.2	82.4
≥ 1800	74.4	81.5	81.9	82.3	82.4	82.4	82.5	82.7	82.7	82.7	82.7	82.8	82.8	83.0
≥ 1500	75.9	83.5	83.9	84.3	84.4	84.4	84.5	84.7	84.7	84.7	84.8	84.9	84.9	85.1
≥ 1200	77.4	85.9	86.4	86.8	87.0	87.0	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.6
≥ 1000	78.3	87.4	88.0	88.4	88.6	88.6	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.2
≥ 900	78.6	87.9	88.5	89.0	89.1	89.2	89.3	89.4	89.5	89.5	89.5	89.6	89.6	89.8
≥ 800	79.1	89.3	90.0	90.5	90.8	90.8	91.0	91.2	91.2	91.2	91.3	91.4	91.4	91.6
≥ 700	79.1	89.9	90.8	91.4	91.6	91.7	91.8	92.0	92.1	92.1	92.1	92.2	92.2	92.4
≥ 600	79.4	90.5	91.6	92.2	92.5	92.6	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.6
≥ 500	79.5	90.9	92.1	92.8	93.3	93.4	93.7	94.0	94.0	94.1	94.2	94.3	94.3	94.5
≥ 400	79.5	91.6	92.8	93.7	94.5	94.7	95.2	95.7	95.8	95.9	96.1	96.2	96.2	96.4
≥ 300	79.5	91.8	93.1	94.3	95.2	95.5	96.2	96.9	97.1	97.4	97.6	97.8	97.8	98.0
≥ 200	79.5	91.8	93.1	94.4	95.4	95.6	96.6	97.5	97.6	98.1	98.4	98.5	98.8	99.1
≥ 100	79.5	91.8	93.1	94.4	95.4	95.6	96.6	97.5	97.6	98.2	98.5	98.7	99.0	99.8
≥ 0	79.5	91.8	93.1	94.4	95.4	95.6	96.6	97.5	97.6	98.2	98.5	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2684

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

NOV

STATION NAME

YEARS

1000-1400
JRS-S71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	57.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	67.0	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 16000	67.1	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	67.3	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	68.7	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	70.3	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	72.2	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	72.7	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	73.9	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	74.3	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	75.2	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	75.8	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	76.1	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3500	76.7	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	77.6	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	78.6	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	79.8	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	81.7	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	82.5	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	84.1	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	85.4	90.9	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 900	85.9	92.1	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	86.1	92.6	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	86.4	93.3	93.7	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	86.5	94.0	94.5	94.6	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	86.5	94.4	94.9	95.1	95.3	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8
≥ 400	86.7	94.8	95.5	95.7	96.1	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	86.7	95.1	95.9	96.4	97.0	97.2	97.2	97.5	97.5	97.6	97.6	97.6	97.6
≥ 200	86.7	95.1	95.9	96.4	97.0	97.2	97.2	97.5	97.5	97.6	97.6	97.6	97.6
≥ 100	86.7	95.1	95.9	96.4	97.0	97.2	97.2	97.5	97.5	97.6	97.6	97.6	97.6
≥ 0	86.7	95.1	95.9	96.4	97.0	97.2	97.2	97.5	97.5	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS

2690

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

NOV

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2,500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	69.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	69.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	69.8	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	71.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	73.1	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 10000	74.8	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 9000	75.3	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	76.0	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	76.8	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	77.2	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	77.8	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	78.5	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	79.6	82.7	82.8	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	80.6	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	81.8	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	82.9	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	84.8	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	85.3	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	86.4	91.0	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	87.1	92.1	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	87.6	92.8	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	87.6	93.3	93.5	93.9	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	87.8	93.7	94.0	94.4	94.6	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	87.9	94.0	94.3	94.7	94.9	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	87.9	94.4	94.7	95.1	95.4	95.5	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	87.9	94.7	95.0	95.5	95.9	96.1	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	88.1	95.0	95.5	96.1	96.7	96.9	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	88.2	95.5	96.0	96.6	97.3	97.5	98.2	98.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1
≥ 200	88.2	95.5	96.0	96.7	97.5	97.7	98.5	98.9	99.0	99.5	99.7	99.7	99.7	99.7	99.7
≥ 100	88.2	95.5	96.0	96.7	97.5	97.7	98.5	98.9	99.0	99.5	99.8	99.8	99.8	99.8	99.8
≥ 0	88.2	95.5	96.0	96.7	97.5	97.7	98.5	98.9	99.0	99.5	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2693

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
13919

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

MONTH
NOV

1800-2000
HOURS/151

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	66.5	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	72.7	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000	73.0	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 16000	73.1	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 14000	74.2	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 12000	76.3	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000	77.8	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	78.2	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	78.9	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	79.4	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	79.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	80.6	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4500	81.3	83.5	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	82.2	84.5	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	82.9	85.6	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	83.6	86.3	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	84.5	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	86.1	89.5	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	86.7	90.1	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	87.4	91.2	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	88.1	92.1	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	88.3	92.8	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	88.4	93.1	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	88.6	93.6	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	88.7	94.1	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	88.8	94.4	94.7	95.0	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	88.8	94.6	94.9	95.3	95.7	95.7	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1
≥ 400	89.0	95.2	95.6	96.1	96.6	96.6	96.8	96.9	97.1	97.4	97.4	97.4	97.4	97.4
≥ 300	89.0	95.3	95.7	96.3	96.9	97.0	97.3	97.7	98.0	98.3	98.3	98.3	98.3	98.3
≥ 200	89.0	95.5	95.9	96.5	97.3	97.4	97.9	98.4	98.7	99.1	99.2	99.2	99.2	99.2
≥ 100	89.0	95.5	95.9	96.5	97.3	97.4	97.9	98.4	98.7	99.2	99.4	99.5	99.7	99.7
≥ 0	89.0	95.5	95.9	96.5	97.3	97.4	97.9	98.4	98.7	99.2	99.4	99.5	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 2684

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

NOV

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	69.5	70.6	70.6	70.7	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 20000	73.8	75.2	75.2	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	74.0	75.4	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 16000	74.2	75.6	75.6	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	74.7	76.1	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5
≥ 12000	75.7	77.1	77.1	77.2	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 10000	76.9	78.3	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 9000	77.2	78.6	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0
≥ 8000	77.9	79.3	79.3	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	78.8	80.2	80.2	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.7
≥ 6000	79.6	81.1	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5
≥ 5000	80.3	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 4500	81.1	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 4000	81.6	83.3	83.3	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	82.4	84.2	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	82.9	85.1	85.1	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	83.5	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 2000	84.7	87.3	87.4	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	85.4	88.0	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 1500	86.6	89.4	89.6	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 1200	87.3	90.4	90.5	90.7	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 1000	87.8	91.3	91.6	91.7	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.3	92.3
≥ 900	88.1	91.9	92.2	92.4	92.5	92.5	92.7	92.8	92.8	92.9	92.9	93.0	93.0
≥ 800	88.4	92.3	92.6	92.8	93.0	93.0	93.2	93.2	93.2	93.5	93.5	93.6	93.6
≥ 700	88.5	92.6	93.1	93.3	93.5	93.5	93.8	93.8	93.8	94.0	94.0	94.1	94.1
≥ 600	88.8	93.2	93.6	93.9	94.2	94.2	94.5	94.5	94.5	94.8	94.8	94.9	94.9
≥ 500	88.8	93.6	94.2	94.5	94.8	94.9	95.2	95.3	95.3	95.6	95.6	95.7	95.7
≥ 400	88.9	94.0	94.7	95.1	95.4	95.5	96.0	96.2	96.2	96.5	96.5	96.6	96.6
≥ 300	89.0	94.6	95.3	95.8	96.4	96.5	97.2	97.4	97.4	97.8	98.0	98.1	98.1
≥ 200	89.1	94.8	95.5	96.1	96.7	96.8	97.5	97.9	97.9	98.4	98.7	98.8	98.8
≥ 100	89.1	94.8	95.5	96.1	96.8	96.9	97.6	98.0	98.1	98.8	99.3	99.4	99.5
≥ 0	89.1	94.8	95.5	96.1	96.8	96.9	97.6	98.0	98.1	98.8	99.4	99.5	99.6

2688

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

42-72

DEC

STATION NAME

YEARS

MONTH

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.3	62.0	62.2	62.2	62.4	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.9
≥ 20000	64.6	66.4	66.6	66.7	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.3	67.4	67.5
≥ 18000	64.7	66.5	66.7	66.8	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.4	67.5	67.6
≥ 16000	65.0	66.8	67.1	67.1	67.2	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.8	67.9
≥ 14000	65.7	67.6	67.8	67.9	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.5	68.6	68.7
≥ 12000	66.6	68.5	68.8	68.9	69.0	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.5	69.5	69.7
≥ 10000	67.5	69.4	69.7	69.7	69.8	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.4	70.5	70.6
≥ 9000	68.0	70.0	70.2	70.3	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.9	71.0	71.0	71.1
≥ 8000	68.9	70.9	71.2	71.3	71.4	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.9	72.0	72.1	72.1
≥ 7000	69.3	71.4	71.7	71.8	71.9	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.5	72.6
≥ 6000	69.8	71.9	72.3	72.3	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.9	73.0	73.1	73.2
≥ 5000	71.2	73.5	73.8	73.9	74.0	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.7	74.7
≥ 4500	71.8	74.1	74.4	74.5	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.2	75.3	75.4
≥ 4000	72.4	74.7	75.1	75.2	75.4	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.1	76.1
≥ 3500	73.0	75.3	75.7	75.8	76.0	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.5	76.6	76.7	76.7
≥ 3000	73.7	76.2	76.5	76.7	76.8	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.4	77.5	77.6
≥ 2500	74.3	77.0	77.4	77.5	77.7	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.2	78.3	78.4	78.4
≥ 2000	75.5	78.5	79.0	79.3	79.5	79.5	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.1	80.2	80.2
≥ 1800	76.0	79.0	79.6	79.9	80.1	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.6	80.7	80.8	80.8
≥ 1500	76.8	80.3	80.9	81.2	81.4	81.4	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.1	82.2	82.3
≥ 1200	77.4	81.3	81.9	82.2	82.4	82.4	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.1	83.2	83.3
≥ 1000	78.2	82.6	83.1	83.6	83.7	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.7	84.8
≥ 900	78.6	83.4	84.0	84.4	84.6	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.4	85.5	85.6	85.7
≥ 800	79.2	84.4	85.0	85.5	85.7	85.8	86.2	86.4	86.4	86.5	86.5	86.5	86.6	86.7	86.8	86.9
≥ 700	79.4	85.1	85.7	86.2	86.5	86.6	87.0	87.2	87.2	87.3	87.3	87.3	87.5	87.6	87.7	87.7
≥ 600	79.6	85.8	86.5	87.1	87.3	87.5	87.9	88.2	88.2	88.4	88.4	88.4	88.5	88.6	88.7	88.8
≥ 500	79.9	86.5	87.4	88.0	88.4	88.7	89.2	89.5	89.5	89.9	89.9	89.9	90.1	90.1	90.3	90.5
≥ 400	80.0	87.2	88.5	89.2	89.7	90.0	90.7	91.0	91.1	91.6	91.7	91.7	91.8	91.9	92.1	92.3
≥ 300	80.1	87.6	89.0	89.9	90.7	91.1	92.0	92.6	92.7	93.2	93.3	93.3	93.5	93.6	93.8	94.0
≥ 200	80.1	87.7	89.1	90.3	91.5	92.0	93.1	94.1	94.2	94.8	95.2	95.2	95.4	95.5	95.8	95.9
≥ 100	80.1	87.7	89.2	90.3	91.7	92.2	93.3	94.3	94.5	95.2	95.8	95.8	96.4	96.6	97.1	97.7
≥ 0	80.1	87.7	89.2	90.4	91.8	92.3	93.4	94.4	94.6	95.3	95.9	95.9	96.6	97.1	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2829

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

42-72

DEC

STATION NAME

YEARS

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	56.7	58.6	59.0	59.1	59.1	59.2	59.3	59.4	59.5	59.5	59.6	59.6	59.7
≥ 20000	60.8	62.8	63.3	63.3	63.4	63.4	63.6	63.7	63.8	63.8	63.8	63.9	63.9
≥ 18000	60.9	62.9	63.4	63.4	63.5	63.5	63.7	63.8	63.9	63.9	64.0	64.0	64.0
≥ 16000	61.0	63.1	63.6	63.7	63.8	63.9	64.0	64.1	64.1	64.2	64.2	64.3	64.4
≥ 14000	62.2	64.3	64.8	64.8	64.9	65.1	65.2	65.3	65.3	65.3	65.3	65.4	65.4
≥ 12000	63.2	65.3	65.8	65.8	65.9	66.1	66.2	66.3	66.3	66.4	66.4	66.5	66.5
≥ 10000	64.0	66.2	66.7	66.7	66.8	67.0	67.1	67.2	67.2	67.3	67.3	67.4	67.4
≥ 9000	64.5	66.7	67.2	67.3	67.4	67.6	67.7	67.8	67.8	67.9	67.9	68.0	68.1
≥ 8000	65.6	67.8	68.3	68.4	68.5	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.1
≥ 7000	66.3	68.7	69.2	69.2	69.3	69.6	69.7	69.8	69.8	69.8	69.9	69.9	70.0
≥ 6000	66.8	69.2	69.7	69.7	69.9	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.5
≥ 5000	68.0	70.4	70.9	71.0	71.1	71.4	71.5	71.6	71.6	71.6	71.6	71.7	71.8
≥ 4500	68.8	71.4	71.9	72.0	72.1	72.3	72.4	72.5	72.5	72.6	72.6	72.7	72.8
≥ 4000	69.5	72.2	72.7	72.8	73.0	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.6
≥ 3500	70.0	72.9	73.4	73.5	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.2	74.3
≥ 3000	70.7	73.8	74.3	74.4	74.6	74.8	74.9	75.0	75.0	75.1	75.1	75.2	75.3
≥ 2500	71.7	74.9	75.5	75.6	75.8	76.0	76.1	76.2	76.2	76.3	76.3	76.4	76.5
≥ 2000	73.2	76.5	77.1	77.3	77.5	77.7	77.8	77.9	77.9	78.0	78.0	78.1	78.2
≥ 1800	73.9	77.4	78.0	78.1	78.3	78.5	78.7	78.8	78.8	78.8	78.9	78.9	79.0
≥ 1500	75.2	79.1	79.6	79.8	80.0	80.2	80.4	80.5	80.5	80.5	80.6	80.6	80.7
≥ 1200	76.2	80.6	81.2	81.4	81.6	81.8	82.0	82.1	82.2	82.2	82.3	82.3	82.4
≥ 1000	77.0	82.0	82.6	82.8	83.0	83.2	83.5	83.6	83.6	83.7	83.7	83.8	83.9
≥ 900	77.3	82.6	83.3	83.5	83.8	84.0	84.2	84.4	84.4	84.5	84.5	84.6	84.7
≥ 800	77.6	83.2	83.9	84.1	84.4	84.6	84.9	85.1	85.1	85.2	85.3	85.4	85.5
≥ 700	77.9	83.8	84.5	84.7	85.1	85.3	85.6	85.7	85.8	85.9	86.0	86.1	86.2
≥ 600	78.2	84.5	85.2	85.6	86.0	86.2	86.5	86.8	86.8	87.0	87.1	87.2	87.3
≥ 500	78.3	85.2	86.1	86.5	86.9	87.2	87.6	87.9	88.0	88.3	88.5	88.6	88.8
≥ 400	78.5	85.9	86.9	87.5	88.1	88.4	89.0	89.3	89.5	90.0	90.3	90.4	90.6
≥ 300	78.6	86.4	87.5	88.3	89.4	89.8	90.7	91.1	91.4	91.9	92.3	92.4	92.7
≥ 200	78.6	86.6	88.0	88.9	90.3	90.9	92.1	92.7	93.1	93.9	94.5	94.8	95.3
≥ 100	78.6	86.6	88.0	88.9	90.4	90.9	92.2	92.9	93.3	94.3	95.2	96.0	96.3
≥ 0	78.6	86.6	88.0	88.9	90.4	90.9	92.2	92.9	93.3	94.3	95.3	96.2	96.4

TOTAL NUMBER OF OBSERVATIONS

2831

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.919 TINKER AFB OK/OKLAHOMA CITY 42-72

DEC
MONTH

STATION NAME

YEARS

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	50.5	54.1	54.4	54.7	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.2
≥ 20000	55.2	59.1	59.5	59.8	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3
≥ 18000	55.3	59.2	59.5	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4
≥ 16000	55.5	59.4	59.8	60.1	60.4	60.4	60.5	60.5	60.5	60.5	60.6	60.6
≥ 14000	56.8	60.7	61.1	61.4	61.7	61.7	61.8	61.8	61.8	61.8	61.9	61.9
≥ 12000	58.2	62.1	62.5	62.8	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3
≥ 10000	59.7	63.8	64.2	64.5	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0
≥ 9000	60.1	64.3	64.7	65.0	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5
≥ 8000	61.2	65.4	65.8	66.2	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7
≥ 7000	61.8	66.1	66.5	66.9	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4
≥ 6000	62.5	66.8	67.2	67.5	67.9	67.9	67.9	68.0	68.0	68.0	68.1	68.1
≥ 5000	63.3	67.9	68.3	68.6	69.1	69.1	69.1	69.2	69.2	69.2	69.3	69.3
≥ 4500	64.1	68.9	69.3	69.7	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.3
≥ 4000	64.5	69.3	69.7	70.1	70.5	70.5	70.6	70.7	70.7	70.7	70.8	70.8
≥ 3500	65.2	70.1	70.5	70.9	71.3	71.3	71.4	71.5	71.5	71.5	71.6	71.6
≥ 3000	66.1	71.2	71.7	72.0	72.5	72.5	72.6	72.7	72.7	72.7	72.8	72.8
≥ 2500	66.9	72.1	72.6	72.9	73.4	73.4	73.6	73.6	73.6	73.7	73.7	73.7
≥ 2000	68.5	73.8	74.4	74.8	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5
≥ 1800	69.0	74.4	75.0	75.4	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1
≥ 1500	70.2	75.9	76.5	77.0	77.4	77.5	77.7	77.7	77.7	77.8	77.8	77.8
≥ 1200	71.6	77.7	78.4	78.9	79.3	79.4	79.5	79.6	79.6	79.7	79.7	79.7
≥ 1000	72.5	79.2	80.0	80.6	81.0	81.1	81.3	81.4	81.4	81.4	81.5	81.5
≥ 900	72.7	79.6	80.5	81.0	81.6	81.7	81.9	82.0	82.0	82.1	82.1	82.1
≥ 800	73.3	81.0	81.9	82.6	83.2	83.3	83.5	83.6	83.6	83.7	83.8	83.8
≥ 700	73.7	81.6	82.6	83.4	84.1	84.1	84.3	84.4	84.5	84.6	84.7	84.8
≥ 600	73.9	82.2	83.3	84.2	84.9	84.9	85.1	85.3	85.3	85.4	85.6	85.7
≥ 500	74.1	83.1	84.3	85.2	86.0	86.1	86.5	86.7	86.7	86.9	87.2	87.3
≥ 400	74.4	83.8	85.2	86.3	87.2	87.3	87.8	88.1	88.2	88.5	88.9	89.0
≥ 300	74.4	83.9	85.6	87.0	88.3	88.6	89.5	90.1	90.3	90.9	91.3	91.6
≥ 200	74.4	84.2	85.9	87.4	88.9	89.3	90.3	91.2	91.5	92.3	93.0	93.7
≥ 100	74.4	84.2	85.9	87.5	88.9	89.3	90.5	91.5	91.9	92.9	93.8	94.9
≥ 0	74.4	84.2	85.9	87.5	88.9	89.3	90.5	91.5	91.9	92.9	93.8	95.2

2828

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

42-72

DEC

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

MONTH

HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	48.0	51.5	51.6	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	54.5	59.0	59.2	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 18000	54.6	59.1	59.2	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 16000	55.1	59.7	59.8	60.1	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000	55.5	60.2	60.3	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	57.7	62.8	62.9	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6
≥ 10000	59.4	64.6	64.7	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9000	59.6	65.0	65.1	65.4	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	60.6	66.2	66.4	66.8	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	60.9	66.7	66.9	67.3	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000	61.7	67.5	67.7	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 5000	62.3	68.4	68.7	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500	62.7	68.9	69.1	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	63.4	69.9	70.1	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3500	63.9	70.3	70.6	71.0	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3000	64.6	71.2	71.4	71.8	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 2500	65.2	71.8	72.0	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2000	66.1	73.0	73.3	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1800	66.6	73.5	73.8	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1500	67.6	75.2	75.7	76.3	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1200	69.0	77.3	77.8	78.5	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1000	70.1	79.6	80.1	80.9	81.3	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 900	70.4	80.4	80.9	81.8	82.2	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6
≥ 800	70.8	81.5	82.1	83.1	83.6	83.6	83.8	83.9	83.9	84.0	84.0	84.0	84.0
≥ 700	71.3	82.5	83.4	84.4	85.0	85.1	85.4	85.5	85.5	85.6	85.6	85.6	85.6
≥ 600	71.6	83.3	84.4	85.7	86.4	86.5	86.8	86.9	86.9	87.1	87.2	87.2	87.2
≥ 500	71.9	83.9	85.2	86.6	87.6	87.8	88.4	88.9	88.9	89.3	89.5	89.5	89.5
≥ 400	72.0	84.5	85.9	87.6	88.9	89.1	90.1	90.8	91.0	91.5	91.7	91.8	91.8
≥ 300	72.1	84.6	86.2	88.0	89.5	89.9	91.2	92.3	92.6	93.4	93.7	93.9	94.0
≥ 200	72.1	84.7	86.4	88.2	89.9	90.2	91.7	93.1	93.5	94.7	95.3	95.9	96.1
≥ 100	72.1	84.7	86.4	88.2	89.9	90.2	91.7	93.1	93.8	95.2	95.8	96.7	97.1
≥ 0	72.1	84.7	86.4	88.2	89.9	90.2	91.7	93.1	93.8	95.2	95.8	96.7	97.1

TOTAL NUMBER OF OBSERVATIONS

2839

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLAHOMA CITY

42-72

DEC

STATION NAME

YEARS

MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	51.5	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	60.2	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	60.4	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	60.7	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	61.4	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	63.5	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	65.3	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	65.7	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	66.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	67.3	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	67.7	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	68.4	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	69.0	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4000	69.4	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	69.9	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3000	70.5	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500	71.5	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2000	72.9	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1800	73.2	78.0	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1500	74.7	80.0	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1200	76.1	82.3	82.6	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1000	77.0	84.6	85.1	85.2	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 900	77.4	85.6	86.1	86.4	86.5	86.6	86.6	86.7	86.7	86.8	86.8	86.8	86.8
≥ 800	77.8	86.7	87.1	87.6	87.8	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3
≥ 700	78.0	87.4	88.0	88.6	88.8	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 600	78.1	87.9	88.8	89.6	90.0	90.2	90.6	90.8	90.8	90.9	90.9	90.9	90.9
≥ 500	78.2	88.5	89.6	90.6	91.5	91.7	92.4	92.7	92.8	93.0	93.0	93.1	93.1
≥ 400	78.3	89.1	90.4	91.5	92.5	92.9	94.2	94.7	94.8	95.0	95.1	95.3	95.4
≥ 300	78.3	89.1	90.4	91.7	92.8	93.3	94.7	95.6	95.9	96.3	96.6	96.8	97.0
≥ 200	78.3	89.1	90.4	91.7	92.9	93.4	95.0	96.1	96.5	97.2	97.8	98.1	98.4
≥ 100	78.3	89.1	90.4	91.7	92.9	93.4	95.0	96.2	96.6	97.4	98.2	98.7	98.9
≥ 0	78.3	89.1	90.4	91.7	92.9	93.4	95.0	96.2	96.6	97.4	98.2	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS

2833

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/OKLANDMA CITY

42-72

YEARS

DEC

STATION NAME

MONTH

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	53.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	62.1	65.0	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	62.2	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	62.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	63.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	65.9	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	67.3	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 9000	67.7	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	68.8	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	69.3	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	70.0	73.8	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	70.6	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	71.1	75.2	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	71.9	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	72.6	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3000	73.4	78.2	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	74.6	79.6	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2000	75.6	80.7	81.0	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1800	75.9	81.1	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500	77.2	83.1	83.5	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200	78.1	85.1	85.5	86.0	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1000	78.7	86.4	86.9	87.4	87.7	87.7	87.7	87.9	87.9	88.0	88.0	88.1	88.1	88.1	88.1
≥ 900	79.1	87.2	87.7	88.3	88.5	88.6	88.6	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	79.3	87.7	88.4	89.1	89.5	89.6	89.6	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0
≥ 700	79.4	88.1	88.8	89.8	90.3	90.4	90.4	90.6	90.6	90.9	91.1	91.2	91.3	91.3	91.3
≥ 600	79.4	88.3	89.0	90.4	90.9	91.1	91.1	91.5	91.8	92.1	92.2	92.3	92.3	92.3	92.3
≥ 500	79.5	88.8	89.8	91.5	92.1	92.4	92.4	92.8	93.2	93.5	93.7	93.8	93.8	93.8	93.8
≥ 400	79.5	88.9	90.1	91.9	92.7	93.3	94.1	94.9	95.0	95.5	95.7	95.8	95.8	95.8	95.8
≥ 300	79.5	89.0	90.2	92.3	93.2	93.9	95.0	96.0	96.2	96.6	97.0	97.2	97.2	97.3	97.3
≥ 200	79.5	89.0	90.2	92.3	93.3	94.0	95.3	96.4	96.6	97.4	98.0	98.3	98.3	98.6	98.6
≥ 100	79.5	89.0	90.2	92.4	93.4	94.0	95.3	96.4	96.7	97.6	98.5	98.9	99.0	99.5	99.6
≥ 0	79.5	89.0	90.2	92.4	93.4	94.0	95.3	96.4	96.7	97.6	98.5	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2836

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS MONTH DEC

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	56.5	59.3	59.4	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	62.6	65.8	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 18000	62.7	65.9	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
≥ 16000	63.2	66.4	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
≥ 14000	63.9	67.2	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
≥ 12000	65.9	69.3	69.3	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 10000	67.0	70.6	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 9000	67.4	71.1	71.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
≥ 8000	68.3	71.9	72.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	69.1	73.0	73.1	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	69.8	73.7	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
≥ 5000	70.9	75.1	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 500	71.5	75.8	75.9	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4000	72.1	76.3	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 3500	72.5	77.0	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
≥ 3000	73.4	78.1	78.3	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	74.5	80.9	81.1	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	75.8	81.4	81.7	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	76.6	82.8	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 1500	78.0	84.6	85.0	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 1200	78.7	85.7	86.3	86.7	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	78.9	86.3	86.9	87.4	87.7	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 900	79.1	86.9	87.6	88.1	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 800	79.3	87.6	88.4	89.0	89.5	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 700	79.5	88.3	89.1	90.1	90.7	90.8	90.9	91.2	91.2	91.4	91.5	91.5	91.5	91.6
≥ 600	79.6	88.9	89.9	91.0	91.7	91.8	92.0	92.4	92.4	92.7	92.8	92.9	92.9	92.9
≥ 500	79.7	89.4	90.6	92.0	92.9	93.1	93.5	94.0	94.1	94.4	94.4	94.5	94.5	94.6
≥ 400	79.7	89.5	90.7	92.3	93.4	93.7	94.3	95.0	95.2	95.6	95.7	96.1	96.1	96.1
≥ 300	79.7	89.6	90.9	92.5	93.6	93.9	94.9	95.8	96.1	96.8	97.2	97.8	97.8	97.9
≥ 200	79.7	89.6	90.9	92.6	93.8	94.1	95.1	96.1	96.3	97.2	97.6	98.5	98.5	98.9
≥ 100	79.7	89.6	90.9	92.6	93.8	94.1	95.1	96.1	96.3	97.2	97.7	98.6	98.7	99.1
≥ 0	79.7	89.6	90.9	92.6	93.8	94.1	95.1	96.1	96.3	97.2	97.7	98.6	98.7	99.1

2820

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13919

TINKER AFB OK/DKLAHOMA CITY

42-72

DEC

STATION NAME

YEARS

2100-2300
HOURS, U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	59.8	61.8	62.0	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.6
≥ 20000	64.8	66.9	67.1	67.2	67.3	67.3	67.4	67.4	67.5	67.5	67.6	67.6	67.7
≥ 18000	65.0	67.1	67.3	67.4	67.5	67.5	67.6	67.6	67.7	67.7	67.8	67.8	67.9
≥ 16000	65.5	67.6	67.8	67.9	68.0	68.0	68.1	68.1	68.2	68.2	68.3	68.3	68.4
≥ 14000	66.0	68.1	68.3	68.4	68.5	68.5	68.6	68.6	68.7	68.7	68.8	68.8	68.9
≥ 12000	67.5	69.7	69.9	70.0	70.1	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.5
≥ 10000	68.9	71.1	71.3	71.5	71.6	71.6	71.6	71.7	71.7	71.8	71.8	71.8	72.0
≥ 9000	69.4	71.6	71.9	72.0	72.1	72.1	72.2	72.2	72.3	72.3	72.4	72.4	72.6
≥ 8000	70.1	72.4	72.6	72.8	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.2	73.3
≥ 7000	70.7	73.3	73.6	73.7	73.8	73.8	73.9	73.9	74.0	74.0	74.1	74.1	74.2
≥ 6000	71.1	73.8	74.1	74.3	74.4	74.4	74.4	74.5	74.5	74.6	74.6	74.7	74.8
≥ 5000	72.1	74.9	75.2	75.3	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.8
≥ 4500	72.7	75.5	75.8	76.0	76.1	76.1	76.1	76.2	76.2	76.3	76.3	76.4	76.5
≥ 4000	73.3	76.3	76.6	76.7	76.9	76.9	76.9	77.0	77.0	77.1	77.1	77.2	77.3
≥ 3500	73.8	76.8	77.1	77.3	77.4	77.4	77.5	77.5	77.6	77.7	77.7	77.7	77.9
≥ 3000	74.5	77.7	78.0	78.2	78.4	78.4	78.4	78.5	78.5	78.6	78.6	78.7	78.8
≥ 2500	75.6	78.9	79.3	79.4	79.6	79.6	79.7	79.7	79.8	79.9	79.9	79.9	80.0
≥ 2000	76.7	80.2	80.6	80.8	81.0	81.0	81.1	81.1	81.2	81.3	81.3	81.4	81.5
≥ 1800	77.1	80.8	81.2	81.4	81.7	81.7	81.7	81.8	81.8	81.9	82.0	82.0	82.1
≥ 1500	77.7	81.9	82.3	82.6	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.2	83.3
≥ 1200	78.9	83.4	83.9	84.2	84.5	84.5	84.6	84.7	84.7	84.8	84.8	84.9	85.0
≥ 1000	79.9	84.8	85.3	85.7	85.9	85.9	86.0	86.1	86.2	86.3	86.3	86.4	86.5
≥ 900	80.1	85.2	85.7	86.1	86.4	86.4	86.5	86.6	86.6	86.8	86.8	86.9	87.0
≥ 800	80.3	85.7	86.6	87.0	87.3	87.3	87.3	87.6	87.6	87.7	87.8	87.9	88.0
≥ 700	80.6	86.2	87.1	87.6	88.0	88.0	88.1	88.3	88.3	88.5	88.5	88.6	88.7
≥ 600	80.8	86.7	87.8	88.5	88.9	88.9	89.1	89.4	89.4	89.6	89.7	89.8	89.9
≥ 500	80.9	87.2	88.5	89.3	89.7	89.9	90.2	90.5	90.5	90.7	90.8	90.9	91.0
≥ 400	81.1	87.9	89.4	90.4	91.1	91.3	91.6	92.0	92.1	92.3	92.4	92.5	92.6
≥ 300	81.2	88.2	89.8	91.1	92.1	92.4	93.1	93.6	93.8	94.1	94.3	94.4	94.5
≥ 200	81.2	88.4	90.0	91.4	92.5	92.8	93.8	94.7	95.0	95.9	96.4	96.7	96.9
≥ 100	81.2	88.5	90.1	91.5	92.6	92.8	93.9	94.9	95.2	96.2	96.8	97.6	97.9
≥ 0	81.2	88.5	90.1	91.5	92.6	92.8	93.9	94.9	95.2	96.2	96.8	97.7	98.1

TOTAL NUMBER OF OBSERVATIONS

2826

SKY COVER SUMMARY

Due to the reporting of total cloud amount in GWC tapes for airways hourly observations Jan 71 and later, clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record through Dec 70.

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13919 TINKER AFB OK/OKLAHOMA CITY 46-70 ALL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
JAN	ALL	29.6	4.6	4.6	3.8	2.9	2.0	2.7	3.1	4.7	3.7	38.4	18586
FEB		30.2	4.8	4.7	4.0	3.1	2.2	2.8	3.6	4.6	3.8	36.3	16417
MAR		29.0	4.5	4.9	4.0	3.7	2.6	3.0	4.2	4.7	3.5	36.0	17848
APR		26.5	4.5	4.6	4.2	3.5	2.9	3.0	4.4	6.3	5.3	35.0	17272
MAY		22.5	4.9	5.3	5.0	4.6	3.7	3.7	5.0	7.3	5.5	32.6	17842
JUN		24.1	6.4	7.2	7.2	5.8	5.3	4.4	6.0	7.4	5.2	20.9	17249
JUL		24.4	7.7	8.5	7.7	6.3	5.1	4.3	6.2	8.1	5.2	16.4	17819
AUG		33.8	7.5	7.9	7.6	6.0	4.4	3.7	5.0	6.3	4.4	13.7	17846
SEP		39.3	6.3	5.7	5.2	4.4	3.5	3.3	4.0	5.2	3.9	19.4	17983
OCT		42.2	6.4	5.1	4.1	3.5	2.9	3.1	3.6	4.7	3.5	20.8	18590
NOV		38.9	5.9	5.1	4.2	3.2	2.4	3.1	3.5	4.4	3.7	25.8	17991
DEC		34.2	5.2	4.5	3.8	2.9	2.2	2.9	3.3	4.4	3.3	33.4	18595
TOTALS		31.2	5.7	5.7	5.1	4.2	3.3	3.3	4.3	5.7	4.3	27.4	214038

SKY COVER

13919

TINKER AFB OK/OKLAHOMA CITY

46-70

JAN

STATION

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	40.9	2.5	3.5	3.4	2.3	1.8	2.7	2.0	4.1	1.6	35.2	4.7	2321
	03-05	40.3	2.6	3.3	3.1	1.9	1.4	2.4	2.5	3.6	1.5	37.2	4.8	2321
	06-08	27.6	5.0	4.7	3.9	2.9	1.6	2.6	3.1	4.7	4.2	39.6	5.6	2323
	09-11	20.5	5.6	3.6	4.0	3.0	2.2	3.5	3.1	6.2	5.6	42.7	6.2	2323
	12-14	21.5	5.2	4.7	4.2	3.1	2.0	2.3	4.1	5.4	5.7	41.9	6.1	2324
	15-17	21.3	6.1	5.2	3.4	3.3	2.3	2.6	2.8	5.8	6.1	40.7	6.0	2324
	18-20	27.3	6.3	6.8	4.3	3.3	2.2	3.1	3.7	4.6	3.4	35.1	5.2	2325
	21-23	36.8	3.6	5.0	3.9	3.6	2.2	2.3	3.1	3.2	1.7	34.6	4.7	2325
TOTAL		29.6	4.6	4.6	3.8	2.9	2.0	2.7	3.1	4.7	3.7	38.4	5.4	18586

SKY COVER

13919

TINKER AFB OK/OKLAHOMA CITY

46-70

U
L
U

STATION

STATION NAME

GO1836

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	40.1	3.6	3.8	3.9	2.4	1.3	2.3	1.9	3.3	1.6	35.8	4.6	2053
	03-05	40.3	2.9	4.3	2.8	1.8	1.9	1.8	2.7	2.3	2.0	37.3	4.7	2051
	06-08	28.2	5.8	4.4	3.7	2.7	1.5	2.4	4.8	4.2	3.6	38.7	5.5	2048
	09-11	22.6	4.7	4.5	3.8	3.9	2.2	2.4	3.6	6.6	5.7	39.8	5.9	2053
	12-14	21.8	5.3	5.2	4.3	3.3	2.5	4.0	4.7	6.4	6.4	36.1	5.8	2050
	15-17	22.3	6.1	4.3	4.0	3.8	3.4	3.5	4.9	7.0	5.3	35.5	5.7	2053
	18-20	27.4	6.6	5.4	5.1	3.4	3.0	3.4	3.4	4.3	3.8	33.7	5.2	2055
	21-23	38.7	3.0	5.5	4.4	3.5	1.4	2.7	2.6	2.5	2.1	33.6	4.6	2054
TOTALS		30.2	4.8	4.7	4.0	3.1	2.2	2.8	3.6	4.6	3.8	36.3	5.3	16417

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SKY COVER

61651

TINKER AFB OK/OKLAHOMA CITY

02-24

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	40.5	3.3	4.6	3.0	3.9	1.4	2.6	3.1	3.1	1.8	32.5	4.5	2232
	03-05	40.3	3.5	4.6	3.4	2.6	1.7	2.2	3.0	3.2	1.3	34.2	4.6	2231
	06-08	25.0	5.8	5.4	4.4	3.6	2.6	2.5	4.0	4.5	2.7	39.5	5.6	2231
	09-11	22.9	4.9	4.1	3.6	3.0	3.0	2.7	3.9	4.9	4.6	42.4	6.0	2231
	12-14	21.6	4.8	4.9	4.0	3.5	2.6	3.5	5.0	6.6	6.0	37.4	5.9	2231
	15-17	20.7	5.0	4.3	4.0	4.0	3.8	3.0	5.9	6.5	5.7	37.0	5.9	2231
	18-20	23.7	5.0	5.9	5.4	4.5	3.6	3.9	5.1	5.5	3.5	34.0	5.4	2231
	21-23	37.1	3.6	5.2	4.1	4.5	1.8	3.3	3.9	3.5	2.2	30.9	4.6	2230
TOTALS		29.0	4.5	4.9	4.0	3.7	2.6	3.0	4.2	4.7	3.5	36.0	5.3	17848

SKY COVER

13919

TINKER AFB OK/OKLAHOMA CITY

47-70

PERIOD

AIR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
Apr	00-02	39.5	3.3	4.3	3.4	2.6	2.3	2.0	3.2	4.4	3.2	31.8	4.5	2160
	03-05	35.6	3.4	3.8	3.3	2.9	3.1	3.1	3.1	4.7	2.3	34.8	4.9	2160
	06-08	21.1	5.1	4.4	3.9	3.3	2.8	2.6	4.9	7.3	5.9	38.6	6.0	2157
	09-11	20.7	4.7	4.2	4.9	3.1	2.6	3.2	4.5	7.2	7.7	37.2	6.0	2160
	12-14	19.1	5.3	4.0	5.0	4.2	3.9	3.6	5.5	7.1	6.7	35.7	6.0	2160
	15-17	18.4	4.9	4.8	4.4	4.5	3.3	3.2	5.9	7.2	7.2	36.2	6.1	2158
	18-20	21.8	5.6	5.6	4.4	4.0	3.0	4.0	4.9	6.9	5.5	34.3	5.7	2160
	21-23	35.7	3.3	5.8	3.9	3.0	2.3	2.6	3.5	5.2	3.5	31.2	4.8	2157
TOTALS		26.5	4.5	4.6	4.2	3.5	2.9	3.0	4.4	6.3	5.3	35.0	5.5	17272

SKY COVER

13919

TINKER AFB OK/OKLAHOMA CITY

47-70

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS '(L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	36.5	3.3	5.6	4.2	2.9	1.9	2.6	2.8	4.5	2.4	33.3	4.7	2231
	03-05	29.2	4.1	4.8	4.7	4.3	2.6	2.8	4.7	5.7	3.8	33.4	5.2	2230
	06-08	18.1	3.8	4.2	4.5	3.9	2.8	3.5	5.0	8.8	6.7	38.7	6.3	2229
	09-11	17.7	5.1	4.5	4.3	4.8	3.9	4.1	5.6	8.4	5.4	36.2	6.1	2231
	12-14	14.9	6.2	4.9	4.5	4.8	5.8	4.4	6.3	8.6	7.8	31.8	6.0	2229
	15-17	15.3	4.9	5.8	6.5	6.6	5.6	4.4	6.5	9.2	7.0	28.2	5.8	2230
	18-20	18.2	7.1	6.5	6.1	5.0	4.7	3.5	5.2	7.8	7.4	28.3	5.5	2232
	21-23	30.0	4.8	6.1	5.2	4.1	2.5	3.9	3.5	5.2	3.5	31.2	4.9	2230
TOTALS		22.5	4.9	5.3	5.0	4.6	3.7	3.7	5.0	7.3	5.5	32.6	5.6	17842

SKY COVER

2

13919

TINKER AFB OK/OKLAHOMA CITY

47-70

22

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	42.0	3.7	5.7	5.5	3.8	2.9	3.1	4.0	4.9	2.1	22.3	3.9	2157
	03-05	29.3	4.8	7.1	6.7	5.2	4.0	3.8	4.7	6.2	4.1	24.1	4.6	2154
	06-08	18.4	6.4	5.8	6.6	4.9	4.1	4.9	6.1	9.0	7.2	26.7	5.5	2155
	09-11	17.5	6.4	6.8	6.6	5.7	5.9	4.2	7.3	8.8	6.3	24.6	5.4	2160
	12-14	13.3	6.1	7.3	7.7	7.3	8.9	6.1	7.1	9.6	7.0	19.6	5.4	2156
	15-17	14.0	1.1	8.2	10.5	9.0	7.7	4.8	7.6	9.0	7.0	15.1	5.0	2157
	18-20	22.4	9.3	8.7	7.7	6.6	5.6	4.1	7.3	7.1	5.7	15.3	4.4	2154
	21-23	35.9	7.4	8.1	6.6	4.1	3.3	4.2	3.7	4.7	2.5	19.4	3.8	2156
TOTALS		24.1	6.4	7.2	7.2	5.8	5.3	4.4	6.0	7.4	5.2	20.9	4.8	17249

SKY COVER

13919

TINKER AFB OK/OKLAHOMA CITY

47-7C

75

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	44.3	5.7	7.9	6.2	4.0	2.5	3.6	4.0	4.6	2.1	15.1	3.3	2228
	03-05	33.7	6.4	8.2	7.0	5.3	3.7	4.1	5.5	6.0	2.9	17.3	3.9	2227
	06-08	18.3	8.6	7.0	6.7	4.6	4.3	3.5	7.0	9.7	7.1	23.2	5.3	2227
	09-11	18.6	8.4	8.0	7.8	5.4	5.2	4.4	5.5	9.3	7.0	19.9	5.0	2227
	12-14	10.3	6.8	7.8	8.6	9.3	8.6	5.7	8.3	11.1	7.6	15.9	5.4	2227
	15-17	9.7	7.5	10.8	9.9	9.0	9.1	5.1	7.9	11.4	6.4	13.1	5.1	2227
	18-20	21.1	11.3	9.4	9.0	7.1	4.5	4.2	6.6	8.1	6.0	12.8	4.3	2229
	21-23	38.8	7.2	8.4	6.7	5.4	3.1	4.0	5.0	4.5	2.7	14.0	3.4	2227
TOTALS		24.4	7.7	8.5	7.7	6.3	5.1	4.3	6.2	8.1	5.2	16.4	4.5	17819

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13919	STATION
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TINKER AFB OK/OKLAHOMA CITY

47-70

PERIOD

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	54.1	5.4	5.6	4.3	3.5	2.1	2.9	2.5	3.9	2.7	13.1	2.8	2232
	03-05	46.7	6.5	5.9	5.4	4.2	2.4	3.0	2.9	4.1	2.5	16.4	3.2	2232
	06-08	25.8	7.3	8.7	7.7	5.4	4.2	3.7	5.2	7.5	5.8	18.7	4.5	2231
	09-11	28.3	7.7	7.6	7.1	5.2	4.3	3.9	6.4	7.2	5.1	17.2	4.3	2231
	12-14	18.9	7.0	7.5	9.4	9.2	7.4	4.9	8.0	7.8	6.6	13.3	4.6	2231
	15-17	16.5	6.9	9.8	12.8	10.3	7.3	4.5	7.1	6.7	5.4	10.6	4.4	2231
	18-20	29.3	11.5	10.9	8.6	5.7	4.5	2.9	4.8	7.3	4.9	9.6	3.5	2231
	21-23	50.8	7.4	7.0	5.1	4.5	2.6	3.4	3.1	3.5	2.1	10.5	2.6	2227
TOTALS		33.8	7.5	7.9	7.6	6.0	4.4	3.7	5.0	6.3	4.4	13.7	3.7	17846

SKY COVER

61061

TINKER AFB OK/OKLAHOMA CITY

46-70

130

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
UCT	00-02	54.9	5.2	4.9	3.8	2.3	1.5	2.4	2.3	2.0	1.8	18.2	2.9	2325
	03-05	53.6	4.5	4.1	3.4	2.5	1.8	2.0	1.8	2.5	1.7	22.0	3.2	2324
	06-08	35.9	8.1	5.9	4.5	3.4	2.5	2.9	3.7	5.4	4.7	23.0	4.2	2322
	09-11	35.2	6.9	4.6	4.5	3.4	3.1	3.0	4.2	6.1	4.9	24.0	4.4	2323
	12-14	33.0	7.5	4.5	3.8	4.3	4.5	4.1	4.7	6.0	5.6	22.2	4.4	2324
	15-17	32.3	6.9	5.5	4.9	4.9	4.6	4.2	4.9	6.3	4.5	20.6	4.3	2323
	18-20	41.2	7.4	5.7	4.0	3.7	3.3	3.6	4.0	5.3	3.4	18.1	3.7	2325
	21-23	50.9	4.6	5.9	4.2	3.3	2.2	2.3	3.1	3.1	1.7	16.5	3.2	2324
TOTALS		42.2	6.4	5.1	4.1	3.5	2.9	3.1	3.6	4.7	3.5	20.8	3.8	18590

SKY COVER

13919

TINKER AFB OK/OKLAHOMA CITY

46-70

WCV

STATION

STATION NAME

001634

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NDV	00-02	51.0	3.9	4.8	2.9	1.9	1.8	3.0	2.7	3.3	1.6	23.2	3.5	2248
	03-05	49.3	4.0	4.5	2.7	2.6	1.4	2.9	2.7	2.9	1.5	25.5	3.7	2250
	06-08	35.1	5.7	4.8	4.4	3.7	2.6	3.6	4.2	4.1	3.6	28.3	4.6	2250
	09-11	30.2	6.8	5.0	4.6	3.5	2.3	2.4	4.0	5.1	6.1	30.0	4.9	2247
	12-14	29.1	7.3	5.7	4.8	3.0	3.7	3.3	4.1	5.4	5.4	28.3	4.9	2249
	15-17	30.0	7.2	4.9	4.8	4.5	2.8	3.3	4.1	6.5	6.1	25.8	4.8	2248
	18-20	38.5	6.6	5.8	5.7	3.4	2.7	3.7	3.2	4.2	3.2	23.0	4.0	2250
	21-23	47.8	5.5	5.2	4.0	2.8	2.0	2.9	2.6	3.7	1.8	21.9	3.5	2249
TOTALS		38.9	5.9	5.1	4.2	3.2	2.4	3.1	3.5	4.4	3.7	25.8	4.2	17991

U S A R F O R C E
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the raw count of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_X). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

YEARS

MUM

STATION NAME

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)**

[illegible]

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	77	77	82	87	93	97	104	104	93	83	77	61	104
44	69	78	77	80	88	95	100	103	96	88	80	64	103
45	71	70	82	84	90	93	99	101	99	82	83	65	101
46	70*	72							90	85	72	75	
47	73	73	83	86	90	96	107	103	107	92	71	71	107
48	64	71	80	94	95	98	98	104	100	89	75	79	104
49	67	65	75	87	95	99	105	101	96	90	82	68	105
50	80	79	82	89	91	97	92	96	91	91	80	75	97
51	74	75	85	87	93	93	101	107	105	98	77	77	107
52	77	76	81	88	92	99	100	106	99	92	82	70	106
53	74	72	84	87	97	105	103	103	103	96	72	63	105
54	70	80	82	94	88	97	106	103	102	92	81	74	106
55	68	76	89	94	92	95	99	99	96	86	78	85	99
56	68	79	88	91	98	101	101	107	100	92	79	77	107
57	68	73	76	80	86	94	100	100	97	86	75	63	103
58	64	72	65	92	97	96	104	104	96	88	77	68	104
59	72	72	84	93	91	100	96	101	95	84	78	70	101
60	69	75	85	92	88	96	99	97	94	88	75	66	98
61	64	76	82	91	92	98	100	97	98	85	74	67	100
62	71	85	79	87	89	90	99	105	95	91	71	69	105
63	68	73	85	88	95	97	101	102	99	95	78	67	102
64	71	52	77	89	92	97	105	107	99	85	79	69	107
65	74	74	70	87	84	94	103	97	102	94	83	71	103
66	64	67	87	87	92	95	104	99	88	88	80	78	104
67	76	68	90	84	91	92	99	99	88	86	76	66	99
68	66	65	83	86	86	93	96	100	90	87	78	66	100
69	69	74	82	82	90	94	101	101	92	87	79	63	101
70	68	75	75	89	87	97	103	105	101	85	76	73	105
71	70	70	85	84	87	95	102	95	98	84	76	66	102
72	68	81	83	98	86	99	100	100	97	95	69	71	100
MEAN	70.0	73.5	81.3	88.2	90.9	96.3	100.8	101.6	96.9	88.8	77.1	70.2	102.9
S.D.	4.238	5.050	5.471	4.277	3.642	3.022	3.274	3.397	4.727	4.219	3.670	5.378	2.902
TOTAL OBS.	930	827	699	870	899	870	899	899	900	930	900	930	10753

NOTES * (BASED ON < FULL MONTHS)

(AT LEAST ONE DAY < 24 HRS)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	-1	18	8	41	45	60	66	58	54	35	30	7	-1
44	3	16	21	35	37	57	60	58	49	40	21	20	3
45	18	12	24	29	40	56	61	61	44	34	27	7	7
46	17*	29							42	35	28	10	
47	-7	13	15	35	40	52	57	70	53	45	26	18	-7
48	4	13	-1	35	45	62	67	60	49	37	25	20	-1
49	3	16	26	34	52	62	68	60	45	32	27	20	3
50	8	18	16	33	51	52	60	56	55	42	15	4	4
51	3	-1	21	34	48	53	57	64	49	33	18	9	-1
52	19	26	21	29	46	67	60	68	54	37	22	19	19
53	10	18	29	31	42	62	58	63	54	37	29	12	10
54	6	23	19	35	35	54	74	67	57	35	26	10	6
55	16	12	13	41	58	53	70	65	57	39	17	16	12
56	13	13	20	37	54	58	67	58	55	45	19	18	13
57	10	23	24	25	45	57	66	64	54	26	27	15	10
58	18	13	25	37	52	52	63	63	49	39	21	8	8
59	-3	11	28	32	49	60	62	65	47	35	11	26	-3
60	13	9	4	36	37	57	62	64	54	35	22	17	4
61	7	18	30	35	43	57	57	59	46	41	28	7	7
62	-1	8	11	30	47	60	66	56	40	37	28	9	-1
63	-2	11	26	43	41	62	66	58	50	43	27	4	-2
64	5	18	17	30	50	52	61	61	47	36	17	6	5
65	14	7	15	37	50	62	65	66	47	39	31	26	7
66	3	13	23	33	40	55	71	57	49	36	22	9	3
67	9	15	6	38	41	57	57	56	40	36	28	16	6
68	0	16	17	31	48	57	62	57	49	38	28	0	0
69	10	23	18	39	44	52	63	67	54	33	19	12	10
70	4	16	26	26	44	52	53	62	47	36	18	19	4
71	9	3	18	30	41	62	55	60	43	43	28	23	3
72	1	9	20	30	47	52	50	63	39	34	26	6	1
MEAN	7.1	14.6	18.6	33.8	45.2	57.0	62.3	61.6	49.3	37.1	23.7	13.1	4.4
S.D.	7.019	6.457	7.622	4.384	5.481	4.221	5.166	3.960	4.901	4.066	5.093	6.885	5.539
TOTAL OBS.	930	827	899	870	899	870	899	899	900	930	900	930	10753

NOTES * (BASED ON < FULL MONTHS)
(AT LEAST ONE DAY < 24 OBS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 42-72

ALL MONTH

YEARS

PAGE 1

ALL HOURS (L. S. T.)

STATION

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																		4	4		
106/105																		71	71		
104/103												0						183	183		
102/101												0	0					362	362		
100/99											0	0	0	1	1	1	0	814	814		
98/97									0	0	0	1	2	1	1	0	0	1120	1120		
96/95							0	0	0	1	2	2	2	1	1	0	0	1878	1880		
94/93						0	0	0	1	2	3	2	1	0	0	0	0	2439	2439		
92/91					0	0	0	1	3	4	4	1	1	1	0	0	0	3256	3256		
90/89				0	0	0	1	2	4	5	2	2	1	1	0	0	0	4129	4129		
88/87				0	0	1	2	4	5	2	2	1	0	0	0	0	0	4614	4614		
86/85			0	0	0	2	5	6	4	2	2	1	0	0	0	0	0	5822	5822	1	
84/83		0	0	0	1	5	6	5	3	2	1	1	1	1	0	0	0	6463	6463	14	1
82/81		0	0	1	4	7	6	4	2	2	1	1	1	0	0	0	0	7300	7300	44	5
80/79	0	0	1	4	8	8	5	4	3	2	1	1	1	0	0	0	0	8972	8972	322	23
78/77	0	0	2	7	9	6	4	3	2	2	1	1	1	0	0	0	0	9700	9700	1763	98
76/75	0	1	6	10	8	5	4	3	2	1	1	1	1	0	0	0	0	10531	10531	6222	363
74/73	0	3	9	9	6	4	3	2	2	2	1	1	0	0	0	0	0	10484	10484	2310	1614
72/71	0	5	8	7	5	4	3	2	2	1	1	1	0	0	0	0	0	10233	10234	5621	5210
70/69	1	6	8	7	5	4	3	3	2	1	1	1	0	0	0	0	0	10425	10430	6623	1178
68/67	1	5	8	6	4	3	3	2	2	1	1	1	0	0	0	0	0	9134	9136	13637	14668
66/65	1	5	7	6	4	3	3	3	2	1	1	1	0	0	0	0	0	9066	9069	12084	15044
64/63	1	6	6	5	4	3	3	3	2	1	1	1	0	0	0	0	0	8451	8456	10907	13358
62/61	1	6	5	5	4	3	3	3	2	1	1	1	0	0	0	0	0	8022	8024	10174	11992
60/59	1	7	5	4	4	4	3	3	2	1	1	1	0	0	0	0	0	8294	8296	9855	10606
58/57	1	6	4	4	4	4	4	3	1	1	1	1	0	0	0	0	0	7850	7857	9178	10130
56/55	1	6	4	4	4	4	4	4	2	1	1	1	0	0	0	0	0	7763	7770	8771	9161
54/53	1	5	5	4	4	4	4	4	1	0	0	0	0	0	0	0	0	7215	7233	8405	8209
52/51	1	5	4	5	5	5	5	3	1	0	0	0	0	0	0	0	0	7098	7109	8060	7495
50/49	1	5	5	5	5	5	5	2	0	0	0	0	0	0	0	0	0	7325	7347	8226	7045
48/47	1	5	5	6	6	6	4	2	0	0	0	0	0	0	0	0	0	7249	7257	8220	6948
46/45	1	5	5	7	6	6	3	1	0	0	0	0	0	0	0	0	0	7293	7315	8819	6997
44/43	1	6	6	6	6	6	2	0	0	0	0	0	0	0	0	0	0	6879	6899	8901	6943
42/41	2	6	7	6	6	6	1	0	0	0	0	0	0	0	0	0	0	6718	6748	9065	7182

Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total	
	Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	≥ 93 F	≥ 80 F	≥ 73 F	≥ 67 F	≥ 80 F	≥ 93 F	Total	Total

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

42-72

YEARS

ALL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
40/ 39	.2	.6	.8	.6	.3	.1	.0											6725	6748	9109	7371	
38/ 37	.2	.7	.8	.6	.2	.0	.0											6373	6388	8727	7257	
36/ 35	.2	.8	.9	.5	.2	.0												6212	6249	8483	8280	
34/ 33	.2	.8	.7	.3	.1	.0												5546	5567	7613	8673	
32/ 31	.2	.8	.6	.3	.0	.0												4742	4764	7399	9244	
30/ 29	.2	.7	.5	.2	.0													4058	4065	6038	9195	
28/ 27	.1	.6	.4	.1	.0													3205	3224	4881	7475	
26/ 25	.1	.5	.3	.1	.0													2618	2634	3762	7922	
24/ 23	.1	.5	.3	.0	.0													2206	2222	3043	6889	
22/ 21	.1	.4	.2	.0														1666	1677	2418	5900	
20/ 19	.1	.3	.1	.0														1381	1400	1909	4219	
18/ 17	.1	.2	.1	.0														915	934	1443	4142	
16/ 15	.1	.2	.1	.0														726	735	924	3455	
14/ 13	.1	.2	.0															582	589	724	2490	
12/ 11	.0	.1	.0															460	461	579	2137	
10/ 9	.0	.1	.0															309	312	422	1600	
8/ 7	.0	.1	.0															191	194	289	1423	
6/ 5	.0	.0																137	139	168	1017	
4/ 3	.0	.0																113	115	145	770	
2/ 1	.0	.0																61	64	59	484	
0/ -1	.0	.0																33	36	49	319	
-2/ -3	.0	.0																7	7	18	225	
-4/ -5																				2	246	
-6/ -7																		3	3	3	146	
-8/ -9																					103	
-10/-11																					74	
-12/-13																					48	
-14/-15																					21	
-16/-17																					16	
-18/-19																					6	
-20/-21																					2	
TOTAL	3.4	16.7	16.7	14.6	11.8	9.7	7.7	6.0	4.6	3.3	2.2	1.4	.9	.6	.3	.2	.1	255851	255851	255429	255419	
																		255426	255426	255429		
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	1119713218		16122874		63.1		19.975		255399		≤ 0 F		≤ 32 F		≥ 67 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	1017336010		15349596		60.0		19.416		255851		1.5		793.1		13735.9		2708.7		238.9		8760	
Wet Bulb	767724219		13382831		52.4		16.141		255429		2.4		158.9		2311.6		720.6		5.9		8760	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS JAN MONTH ALL
PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79							.0	.0				.0	.0					3	3		
78/ 77					.0			.0				.0						6	6		
76/ 75										.0	.0	.0						8	8		
74/ 73				.0		.0	.0	.0		.0	.0	.0	.0					13	13		
72/ 71		.0	.0			.0	.0	.0	.0	.0	.0	.0						22	22		
70/ 69			.0	.0	.0	.0	.0	.1	.1	.1	.1	.0						68	68	2	
68/ 67			.0	.0	.0	.0	.0	.1	.1	.1	.0							92	92	4	1
66/ 65		.0	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0						142	142	2	1
64/ 63	.0	.1	.2	.2	.1	.1	.1	.2	.1	.1	.0							216	216	15	5
62/ 61	.0	.3	.1	.1	.1	.1	.2	.2	.2	.0	.0							304	304	59	32
60/ 59	.1	.4	.1	.1	.1	.1	.2	.3	.1	.0								373	373	181	101
58/ 57	.1	.3	.2	.2	.1	.2	.4	.2	.1	.0								421	421	218	143
56/ 55	.2	.5	.3	.2	.2	.4	.4	.2	.1	.0								542	542	231	191
54/ 53	.2	.6	.4	.2	.3	.5	.5	.1	.0									611	611	337	205
52/ 51	.2	.5	.3	.3	.5	.7	.4	.2	.0									662	664	413	212
50/ 49	.2	.6	.4	.5	.7	.6	.4	.1										780	785	498	298
48/ 47	.3	.8	.6	.7	.9	.7	.2	.0										902	904	596	361
46/ 45	.3	.8	.6	1.1	1.0	.5	.1	.0										981	985	806	391
44/ 43	.5	.9	1.0	1.3	1.0	.4	.1											1139	1142	959	412
42/ 41	.6	1.1	1.2	1.5	.9	.3	.0											1225	1237	1146	518
40/ 39	.4	1.1	1.7	1.4	.8	.2	.0											1226	1233	1285	634
38/ 37	.4	1.4	1.7	1.6	.5	.0	.0											1246	1253	1414	648
36/ 35	.6	2.1	2.0	1.2	.3	.0												1384	1410	1566	987
34/ 33	.7	2.3	2.1	.9	.2													1376	1386	1605	1183
32/ 31	.6	2.5	1.6	.8	.1	.0												1248	1258	1716	1408
30/ 29	.5	2.4	1.7	.5	.0													1131	1131	1483	1604
28/ 27	.6	2.3	1.4	.3	.0													1014	1015	1332	1412
26/ 25	.4	2.3	1.1	.2	.0													876	876	1145	1514
24/ 23	.5	1.8	1.1	.2	.0													784	784	946	1488
22/ 21	.4	1.7	.8	.1														639	639	759	1307
20/ 19	.3	1.6	.6	.0														562	576	729	941
18/ 17	.4	1.2	.4	.0														422	434	627	1026
16/ 15	.2	1.2	.3	.0														384	388	416	893
14/ 13	.3	1.0	.2															336	337	396	711
Element (X)	ΣX ²		ΣX		X		X		X		No. Obs.		Mean No. of Hours with Temperature		Σ 80 F		Σ 93 F		Total		
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

FEB

STATION

STATION NAME

YEARS

PAGE 1

MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
86/ 85													.0	.0				1	1				
84/ 83												.0	.0	.0				4	4				
82/ 81											.0	.0	.0	.0				3	3				
80/ 79											.0	.0	.0	.0				17	17				
78/ 77							.0	.0	.0	.0	.0	.0	.0	.0	.0			29	29				
76/ 75							.0	.0	.0	.0	.1	.1	.0	.0				41	41				
74/ 73			.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0				41	41				
72/ 71		.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0				85	85				
70/ 69		.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0					133	133		3		
68/ 67		.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.0						171	172		4		
66/ 65		.0	.0	.1	.1	.1	.2	.2	.3	.3	.2	.0						216	218		6		
64/ 63		.1	.1	.1	.1	.2	.2	.3	.4	.5	.3	.0						308	308		24		
62/ 61	.0	.1	.1	.1	.2	.2	.3	.4	.5	.3	.0	.0						328	328		77		
60/ 59	.0	.3	.3	.2	.3	.3	.4	.5	.3	.0	.0							508	508		152		
58/ 57	.1	.3	.2	.3	.4	.4	.5	.4	.3	.0								550	550		201		
56/ 55	.1	.5	.4	.5	.4	.6	.6	.4	.1									690	691		308		
54/ 53	.2	.5	.4	.4	.5	.7	.6	.3	.0									722	725		200		
52/ 51	.1	.7	.5	.6	.8	.8	.6	.2	.0									829	834		568		
50/ 49	.4	.6	.5	.8	.8	.9	.5	.1										919	922		753		
48/ 47	.3	.8	.7	1.1	1.0	.7	.5	.1										998	1002		811		
46/ 45	.4	.9	.9	1.4	1.1	.8	.3	.0										1122	1128		993		
44/ 43	.2	1.3	1.1	1.4	1.0	.5	.2											1110	1120		1099		
42/ 41	.4	1.3	1.5	1.4	1.0	.4	.0											1179	1187		1306		
40/ 39	.4	1.7	1.8	1.2	.9	.4	.0											1262	1269		1456		
38/ 37	.4	1.6	1.6	1.4	.8	.1												1188	1188		1508		
36/ 35	.5	2.0	1.8	1.1	.5	.0												1168	1173		1491		
34/ 33	.6	2.2	1.6	.9	.3	.0												1100	1103		1376		
32/ 31	.4	1.9	1.6	.8	.1													928	934		1395		
30/ 29	.5	1.6	1.3	.7	.1													845	847		1224		
28/ 27	.4	1.6	1.3	.5	.0													742	745		971		
26/ 25	.4	1.5	1.0	.2														599	605		855		
24/ 23	.3	1.4	.9	.1														516	529		728		
22/ 21	.4	1.2	.5	.0														402	409		634		
20/ 19	.4	1.1	.3	.0														333	334		455		
Element (X)	ΣX'	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	Mean No. of Hours with Temperature					
Rel. Hum.																		≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

FEB
MONTH

ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72
STATION NAME YEARS
MAR MONTH
PAGE 1 HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
90/ 89																		5	5	
88/ 87																		8	8	
86/ 85																		22	22	
84/ 83																		47	47	
82/ 81																		61	61	
80/ 79																		95	95	
78/ 77																		154	154	
76/ 75																		181	181	
74/ 73																		245	245	
72/ 71																		302	302	
70/ 69																		406	406	13
68/ 67																		526	526	60
66/ 65																		621	621	107
64/ 63																		758	758	243
62/ 61																		828	828	426
60/ 59																		897	897	588
58/ 57																		940	940	625
56/ 55																		1028	1030	709
54/ 53																		1077	1079	907
52/ 51																		1061	1061	1018
50/ 49																		1175	1175	1194
48/ 47																		1122	1122	1262
46/ 45																		1097	1097	1310
44/ 43																		1098	1098	1395
42/ 41																		1087	1087	1534
40/ 39																		1083	1086	1583
38/ 37																		937	941	1433
36/ 35																		997	999	1343
34/ 33																		871	871	1259
32/ 31																		754	755	1138
30/ 29																		625	626	975
28/ 27																		395	396	744
26/ 25																		270	271	518
24/ 23																		184	184	320

Element (X)	Σ X ²			Σ X			X̄			No. Obs.			Mean No. of Hours with Temperature			Total		
	Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point	Σ X ²	Σ X	X̄	°X	No. Obs.	Σ 0 F	Σ 32 F	Σ 67 F	Σ 73 F	Σ 80 F	Σ 93 F	Total		

PSYCHROMETRIC SUMMARY

MAR

YEARS

PAGE 2

AL

ALL HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72

APR

MONTH

YEARS

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
98/ 97																	0	4	4			
94/ 93																	0	8	8			
92/ 91										0	0	0	0	0	0	0	0	22	22			
90/ 89									0	0	0	0	0	0	0	0	0	31	31			
88/ 87									1	1	1	0	1	0	1	0	0	86	86			
86/ 85								0	1	1	2	1	1	1	1	0	0	161	161			
84/ 83						0	0	1	2	2	1	1	1	0	0	0	0	216	216			
82/ 81					0	1	1	2	2	2	2	1	1	1	0	0	0	281	281			
80/ 79				0	0	2	4	3	3	3	2	2	2	1	1	0	0	437	437			
78/ 77				0	1	4	4	3	3	3	3	3	3	1	0	0	0	526	526			
76/ 75			0	1	5	6	4	3	4	3	3	2	2	1	0	0	0	682	682			
74/ 73		0	1	4	7	5	4	3	5	4	2	2	1	1	0	0	0	772	772	16		
72/ 71		0	2	7	6	6	5	4	4	4	2	2	2	0	0	0	0	911	911	95	2	
70/ 69	0	0	1	9	6	6	6	7	5	4	2	2	1	0	0	0	0	1170	1170	291	27	
68/ 67	0	2	1	8	7	5	6	5	5	4	2	2	0	0	0	0	0	1208	1208	681	83	
66/ 65	0	7	1	8	7	6	6	7	6	4	1	0	0	0	0	0	0	1364	1364	1053	351	
64/ 63	0	9	1	9	7	6	7	7	6	3	0	0	0	0	0	0	0	1373	1373	1155	756	
62/ 61	1	1	2	9	8	7	5	7	6	1	0	0	0	0	0	0	0	1324	1324	1274	1016	
60/ 59	2	1	6	8	7	7	9	7	7	4	1	0	0	0	0	0	0	1405	1405	1469	1019	
58/ 57	2	1	0	9	8	1	0	8	7	2	0	0	0	0	0	0	0	1308	1310	1544	1150	
56/ 55	2	1	3	8	8	1	0	9	4	1	0	0	0	0	0	0	0	1283	1284	1405	1082	
54/ 53	1	7	7	9	9	8	9	6	3	0	0	0	0	0	0	0	0	1043	1050	1459	1025	
52/ 51	1	8	8	8	9	8	8	4	1	0	0	0	0	0	0	0	0	992	994	1355	968	
50/ 49	1	8	9	8	8	7	2	0	0	0	0	0	0	0	0	0	0	899	900	1486	934	
48/ 47	2	8	9	6	9	4	1	0	0	0	0	0	0	0	0	0	0	813	813	1452	1067	
46/ 45	1	8	7	1	0	5	3	0	0	0	0	0	0	0	0	0	0	718	718	1436	1082	
44/ 43	1	5	8	6	3	2	0	0	0	0	0	0	0	0	0	0	0	522	522	1193	1111	
42/ 41	1	4	6	4	2	1	0	0	0	0	0	0	0	0	0	0	0	379	379	985	1125	
40/ 39	1	3	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	288	288	906	1056	
38/ 37	0	4	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	230	230	555	950	
36/ 35	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	113	113	395	932	
34/ 33	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56	218	1039	
32/ 31	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	136	920	
30/ 29	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	86	743	
Element (X)	Σ X																Σ X ²		Mean No. of Hours with Temperature			
Rel. Hum.																			≥ 80 F		Total	
Dry Bulb																			≥ 73 F			
Wet Bulb																			≥ 67 F			
Dew Point																			≥ 93 F			

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS APR MONTH

PAGE 2

ALL
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72

MAY
MONTH

YEARS

STATION NAME

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
98/ 97									.0	.0		.0	.0	.0		.0	.0	5	5			
96/ 95									.0	.0		.0	.0	.0		.0	.0	12	12			
94/ 93									.0	.0	.0	.0	.0	.0	.0	.0	.0	29	29			
92/ 91							.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	85	85			
90/ 89						.0	.0	.1	.2	.4	.2	.1	.1	.1	.0	.0	.0	183	183			
88/ 87					.0	.1	.3	.5	.5	.4	.3	.3	.1	.1	.0	.0	.0	296	296			
86/ 85				.0	.1	.2	.6	.7	.5	.5	.4	.3	.1	.1	.0	.0	.0	528	528			
84/ 83			.0	.0	.1	.2	.6	.7	.5	.4	.3	.3	.1	.1	.0	.0	.0	646	646			
82/ 81			.0	.0	.2	.6	.9	.7	.5	.5	.3	.3	.2	.0	.0	.0	.0	814	814	1		
80/ 79		.0	.0	.1	.5	1.0	1.0	.7	.6	.5	.3	.3	.1	.0				1057	1057	13		
78/ 77		.0	.1	.4	1.0	1.1	1.0	.7	.5	.4	.2	.1	.0					1145	1145	34	8	
76/ 75		.0	.3	1.0	1.3	1.2	.8	.6	.5	.3	.2	.1	.0					1348	1348	146	15	
74/ 73	.0	.1	.7	1.5	1.4	1.1	.8	.6	.5	.3	.2	.0						1529	1529	377	49	
72/ 71		.3	1.2	1.8	1.4	.8	.6	.4	.4	.2	.1	.0						1551	1551	947	156	
70/ 69	.0	.6	1.7	2.0	1.2	.9	.6	.5	.3	.1	.0							1740	1740	1589	482	
68/ 67	.0	1.0	2.0	1.6	1.0	.9	.6	.5	.2	.1	.0							1677	1678	1974	972	
66/ 65	.1	1.4	2.2	1.7	.9	.7	.6	.3	.1	.0								1695	1695	2314	1580	
64/ 63	.2	1.8	1.6	1.2	.7	.6	.4	.2	.1	.0								1460	1460	2359	1951	
62/ 61	.2	1.8	1.2	1.0	.7	.5	.3	.1	.0									1246	1248	2272	2142	
60/ 59	.3	1.4	1.1	.9	.7	.4	.2	.1	.0									1145	1145	2030	2092	
58/ 57	.2	1.3	.9	.8	.6	.4	.1	.0	.0									916	916	1615	1846	
56/ 55	.2	1.1	.8	.6	.5	.2	.1	.0										750	750	1465	1638	
54/ 53	.1	.8	.7	.5	.3	.1	.0	.0										537	539	1266	1464	
52/ 51	.1	.7	.5	.4	.2	.0	.0											417	417	970	1303	
50/ 49	.0	.4	.4	.3	.1	.0	.0											258	258	722	1139	
48/ 47	.0	.2	.3	.1	.0	.0												162	162	546	962	
46/ 45	.0	.3	.2	.1	.0	.0												139	139	372	857	
44/ 43		.1	.1	.0	.0													58	58	239	753	
42/ 41		.1	.1	.0														34	34	117	649	
40/ 39		.0	.0	.0														8	8	62	468	
38/ 37		.0	.0	.0														4	4	32	315	
36/ 35			.0															4	4	10	253	
34/ 33																				3	135	
32/ 31																				3	112	
Element (X)	ΣX²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature								TOTAL			
Rel. Hum.											≥ 67 F								≥ 80 F			
Dry Bulb											≥ 73 F								≥ 93 F			
Wet Bulb																						
Dew Point																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919
STATION

STATION NAME
TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

YEARS

MAY
MONTH

PAGE 2

HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MONTH JUN

STATION NAME

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point									
106/105																	.0	4	4											
104/103																	.0	9	9											
102/101												.0	.1	.2	.1	.0	.0	10	10											
100/99												.0	.1	.1	.0	.0	.0	38	38											
98/97										.0	.0	.1	.2	.1	.0	.0	.0	92	92											
96/95									.0	.1	.3	.4	.2	.1	.0	.0	.0	226	226											
94/93							.0	.1	.2	.5	.6	.3	.1	.1	.0	.0	.0	390	390											
92/91						.0	.3	.9	1.3	1.0	.7	.2	.1	.0	.0	.0	.0	653	653											
90/89						.0	.2	.9	1.5	1.4	.6	.2	.1	.1	.0	.0	.0	864	864											
88/87					.0	.1	.8	1.6	1.9	1.0	.4	.1	.1	.0	.0	.0	.0	1028	1028											
86/85					.1	.6	1.5	2.1	1.3	.6	.2	.1	.0	.0	.0	.0	.0	1227	1227											
84/83					.4	1.3	2.3	1.9	.9	.4	.3	.1	.0	.0	.0	.0	.0	1348	1348											
82/81	.0	.0	.0	.0	.2	1.0	2.6	2.3	1.2	.5	.4	.1	.0	.0	.0	.0	.0	1502	1502	12	4									
80/79	.0	.0	.0	.0	.6	2.2	2.8	1.7	.7	.4	.2	.0	.0	.0	.0	.0	.0	1727	1727	82										
78/77	.0	.2	1.5	3.0	2.3	1.2	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	1801	1801	409	25									
76/75	.0	.5	2.4	2.8	1.4	.7	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	1885	1885	1438	101									
74/73	.0	1.0	2.3	2.1	.9	.6	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1731	1731	2600	398									
72/71	.1	1.2	2.3	1.4	.8	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1510	1511	3521	1255									
70/69	.1	1.3	1.6	1.0	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1338	1341	3627	2531									
68/67	.2	1.2	1.3	.6	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1018	1018	2730	3438									
66/65	.1	.8	.7	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	786	786	1903	3588									
64/63	.1	.6	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	458	460	1499	2752									
62/61	.1	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	325	325	972	1961									
60/59	.1	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	222	222	654	1293									
58/57	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	165	165	395	960									
56/55	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	66	66	296	645									
54/53	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	42	42	194	509									
52/51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	87	368									
50/49																				44	261									
48/47																				8	189									
46/45																					101									
44/43																					51									
42/41																					21									
40/39																					10									
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature			Total											
Rel. Hum.													≤ 0 F			≤ 32 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																														
Wet Bulb																														
Dew Point																														

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

61651

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION

STATION NAME

YEARS

END

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
A.I. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS

JUL
MONTH

PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																	.0	1	1		
106/105																	.1	27	27		
104/103																	.1	59	59		
102/101																	.0	119	119		
100/99											.0	.1	.3	.6	.4	.1	.0	318	318		
98/97								.0	.1	.4	.9	1.3	.9	.6	.2	.0	.0	485	485		
96/95								.1	.4	1.2	1.8	.8	.3	.2	.0	.0		783	784		
94/93								.4	1.4	1.8	1.2	.5	.2	.1	.0			929	929		
92/91						.0	.1	.4	1.2	1.8	.8	.3	.1	.0				1027	1027		
90/89					.0	.1	.3	1.4	1.8	1.2	.5	.2	.0	.0				1178	1178		
88/87					.0	.2	1.1	1.8	1.4	.5	.3	.1	.0					1179	1179		
86/85					.1	1.0	2.0	1.9	.8	.6	.2	.0						1419	1419		
84/83					.1	.6	2.0	2.1	1.3	.6	.3	.2	.0					1495	1495	1	
82/81			.0	.5	1.9	2.4	1.7	.7	.4	.1	.0							1631	1631	15	
80/79		.0	.2	1.6	2.8	2.4	1.2	.6	.3	.1	.0							1940	1940	143	2
78/77		.1	1.1	2.9	2.7	1.4	.7	.3	.1	.1								1997	1997	683	30
76/75	.0	.4	2.4	3.2	1.6	.8	.3	.2	.1	.0								1929	1929	2533	148
74/73	.0	1.2	2.7	1.9	.9	.5	.2	.1	.0	.0								1583	1583	4361	601
72/71	.1	1.9	1.9	1.0	.4	.2	.1	.0	.0									1200	1200	4555	1922
70/69	.4	1.5	1.2	.6	.4	.1	.0	.0										901	901	3981	3978
68/67	.2	.7	.5	.3	.2	.1	.0	.0										439	439	2206	4174
66/65	.1	.4	.3	.2	.1	.0	.0	.0										231	231	1216	3477
64/63	.0	.1	.2	.1	.1	.0	.0											111	111	635	2320
62/61	.0	.2	.1	.0	.0	.0												81	81	383	1574
60/59	.0	.1	.0	.0	.0	.0												55	55	240	1117
58/57	.0	.1	.0	.0														17	17	104	766
56/55		.0		.0														5	5	54	504
54/53		.0																3	3	24	232
52/51																				6	135
50/49																				3	89
48/47																					35
46/45																					12
44/43																					8
42/41																					16
Element (X)	ΣX ²		ΣX		X̄		X̄		No. Obs.		Mean No. of Hours with Temperature				Total						
Rel. Hum.											≥ 73 F				≥ 80 F						
Dry Bulb											≥ 67 F				≥ 93 F						
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-45, 47-72	JUL	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L. S. T.)
				PAGE 2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

AUG

STATION

STATION NAME

YEARS

PAGE 1

MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																	.0	3	3		
106/105																	.1	34	34		
104/103												.0			.0	.1	.2	96	96		
102/101													.0		.5	.2	.1	208	208		
100/99										.0	.0	.1	.3	.8	.4	.2	.0	389	389		
98/97									.0	.1	.2	.6	.1	.5	.2	.0	.0	438	438		
96/95							.0	.0	.1	.2	.7	1.1	.9	.3	.0	.0		638	639		
94/93						.0	.0	.0	.3	.8	1.3	1.0	.6	.4	.1	.0	.0	776	776		
92/91					.0	.0	.1	.3	.9	1.5	1.4	.9	.4	.3	.1	.0		952	952		
90/89				.0	.0	.0	.3	.9	1.5	1.4	.9	.4	.2	.1	.0	.0		1210	1210		
88/87				.0	.0	.1	.6	1.4	1.4	3	.7	.4	.1	.1	.0	.0		1210	1210		
86/85				.0	.1	.4	1.4	1.7	1.4	.9	.5	.3	.1	.0				1388	1388	1	
84/83		.0	.0	.3	.3	1.3	2.2	1.6	1.1	.5	.3	.1	.0					1453	1453	10	1
82/81		.0	.0	.2	.2	1.2	2.0	1.3	.8	.4	.2	.1	.0					1592	1592	13	3
80/79		.0	.1	.7	2.1	2.5	1.5	.9	.6	.2	.1	.0	.0					1798	1798	80	13
78/77	.0	.1	.7	2.1	2.5	1.5	.9	.6	.2	.1	.0	.0						1860	1860	563	31
76/75	.0	.5	2.0	2.5	1.7	1.0	.8	.3	.1	.0	.0							1907	1907	1754	88
74/73	.1	.8	2.6	1.9	1.1	.8	.4	.2	.1	.0	.0							1694	1694	3667	493
72/71	.1	1.7	2.0	1.1	.9	.5	.2	.1	.0	.0	.0							1455	1455	4179	1433
70/69	.2	1.4	1.3	1.0	.6	.3	.1	.1	.0	.0	.0							1068	1069	4122	2890
68/67	.1	.7	.9	.7	.3	.1	.1	.0	.0	.0								632	632	2644	3514
66/65	.1	.3	.5	.3	.2	.1	.0	.0	.0									328	328	1840	3240
64/63	.1	.1	.3	.1	.1	.0	.0	.0	.0									178	178	1171	2691
62/61	.1	.1	.1	.1	.1	.0	.0	.0	.0									90	90	703	2115
60/59	.2	.1	.1	.1	.0	.0												79	79	376	1644
58/57	.1	.1	.1	.0	.0													36	36	212	1259
56/55	.0	.0	.0															8	8	102	820
54/53																				62	510
52/51																				19	331
50/49																				2	202
48/47																					116
46/45																					55
44/43																					23
42/41																					20
Element (X)	Σ X ²	Σ X				X				No. Obs.				Mean No. of Hours with Temperature				≥ 80 F	≥ 93 F	Total	
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-45,47-72	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS PAGE 1 MONTH ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	.0	.0	6	6	
104/103																	.1	.1	19	19	
102/101																	.0	.0	25	25	
100/99												.0	.1	.1	.1	.1	.0	.0	69	69	
98/97											.0	.1	.1	.1	.1	.0	.0	.0	92	92	
96/95										.0	.1	.2	.2	.2	.2	.1	.0	.0	212	212	
94/93										.0	.1	.3	.2	.3	.2	.1	.0	.0	292	292	
92/91					.0	.0			.0	.2	.5	.3	.3	.2	.1	.1	.0	.0	459	459	
90/89					.0	.0		.0	.2	.6	.7	.4	.3	.2	.1	.0			580	580	
88/87					.0	.0	.0	.2	.5	.7	.5	.4	.3	.2	.1				661	661	
86/85			.0	.0	.0	.0	.6	1.0	.6	.5	.4	.3	.2	.1	.0				832	832	3
84/83		.0	.0	.0	.1	.6	.9	.8	.6	.5	.4	.2	.2	.1					922	922	
82/81		.0	.0	.1	.4	.9	1.0	.7	.5	.5	.3	.2	.1	.0					1004	1004	3
80/79		.0	.0	.4	1.0	1.2	.9	.7	.8	.5	.4	.2	.1	.0					1290	1290	4
78/77		.0	.2	1.0	1.4	1.1	.8	.6	.6	.4	.3	.2	.0						1444	1444	73
76/75		.1	.8	1.5	1.3	.9	.8	.9	.5	.4	.2	.1	.0						1617	1617	337
74/73	.0	.3	1.6	1.7	1.0	.8	.9	.6	.3	.3	.1	.0							1675	1675	1179
72/71	.0	.8	1.8	1.4	1.1	.9	.8	.5	.4	.2	.1	.0							1727	1727	2038
70/69	.1	1.3	1.6	1.2	.9	1.0	.6	.4	.3	.1	.0								1643	1643	2482
68/67	.2	1.4	1.4	1.1	1.0	.7	.5	.4	.2	.0									1473	1473	2397
66/65	.1	1.2	1.4	1.2	.8	.5	.4	.3	.1	.0									1269	1270	2207
64/63	.2	.9	1.2	1.1	.7	.6	.4	.2	.0	.0									1125	1125	2098
62/61	.1	.9	1.0	.9	.6	.4	.2	.0											904	904	1905
60/59	.1	.8	.9	.6	.4	.4	.1	.0	.0										707	707	1811
58/57	.1	.9	.7	.4	.3	.2	.0												537	537	1471
56/55	.1	.6	.4	.3	.2	.1													389	389	1297
54/53	.1	.3	.3	.2	.2	.0													216	216	835
52/51	.1	.2	.2	.2	.0														136	136	552
50/49	.1	.2	.2	.1															92	92	401
48/47	.1	.1	.1	.0															61	61	223
46/45	.1	.1	.0																38	38	153
44/43	.0	.0	.0																10	10	46
42/41	.0	.0																	6	6	12
40/39	.0	.0																	3	3	8
Element (X)	Σ X																Σ X ²		Mean No. of Hours with Temperature		
Rel. Hum.																			≥ 80 F		
Dry Bulb																			≥ 73 F		
Wet Bulb																			≥ 67 F		
																			≥ 32 F		
																			≥ 0 F		
																			≥ 93 F		
																			Total		

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

SLP

PAGE 2

ALL
HOURS (L. S.)

YEARS

STATION NAME

STATION

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-72
STATION	STATION NAME	

130
MONTH

YEARS

43-72

PAGE 2

ALL
S (L. S.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

NOV
MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83											.0	.0	.0	.0	.0			4	4		
82/ 81								.0		.0	.0	.0	.0	.0				10	10		
80/ 79								.0	.0	.0	.0	.0	.0	.0				34	34		
78/ 77							.0	.1	.0	.0	.1	.1	.0	.0				74	74		
76/ 75				.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0				132	132		
74/ 73				.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0				237	237		
72/ 71	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				310	310	1	1
70/ 69	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				468	468	19	2
68/ 67	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				541	541	62	25
66/ 65	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				648	648	148	65
64/ 63	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				751	751	261	79
62/ 61	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				853	853	408	170
60/ 59	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				1017	1017	574	308
58/ 57	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				1032	1032	788	497
56/ 55	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				1104	1105	788	499
54/ 53	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				1119	1121	827	467
52/ 51	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				1196	1196	1027	552
50/ 49	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				1389	1389	1131	589
48/ 47	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				1375	1375	1363	655
46/ 45	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				1402	1402	1597	770
44/ 43	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				1225	1225	1734	908
42/ 41	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				1157	1158	1667	1000
40/ 39	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				1192	1192	1645	1161
38/ 37	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				1115	1115	1610	1360
36/ 35	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				898	899	1531	1505
34/ 33	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				717	718	1258	1477
32/ 31	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				480	480	1016	1561
30/ 29	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				346	347	709	1648
28/ 27	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				253	253	456	1207
26/ 25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				142	142	304	1197
24/ 23	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				116	116	212	879
22/ 21	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				90	90	152	723
20/ 19	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				37	37	120	570
18/ 17	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0				17	17	46	496

Element (X)	Σ X				Σ X ²	Σ X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point	Total	Total		
Rel. Hum.															
Dry Bulb															
Wet Bulb															
Dew Point															

PSYCHROMETRIC SUMMARY

ADJ MONTH

PAGE 2

ALL
HOURS (L. S.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY

42-72

DEC

STATION NAME

YEARS

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85														.0				1	1		
84/ 83														.0				2	2		
82/ 81													.0					1	1		
80/ 79										.0								1	1		
78/ 77									.0	.0	.0	.0	.0					8	8		
76/ 75				.0			.0	.0	.0	.0	.0	.0	.0					15	15		
74/ 73				.0	.0		.0	.0	.0	.0	.0	.0	.0	.0				17	17		
72/ 71				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					34	34		
70/ 69			.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0					65	66		
68/ 67		.0	.0	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0					107	107	2	
66/ 65		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							216	216	10	5
64/ 63		.1	.2	.2	.2	.1	.1	.2	.1	.1	.0							274	277	25	18
62/ 61	.0	.2	.2	.2	.2	.1	.2	.2	.2	.2	.0							326	326	95	33
60/ 59	.0	.5	.3	.2	.2	.2	.2	.3	.2	.0								454	456	173	90
58/ 57	.0	.7	.2	.3	.2	.3	.4	.3	.2	.0								596	599	328	179
56/ 55	.0	.5	.3	.3	.3	.5	.6	.4	.0									633	635	320	256
54/ 53	.2	.6	.3	.3	.3	.5	.6	.2	.0									756	758	371	275
52/ 51	.2	.4	.4	.5	.7	.8	.6	.1										841	843	451	271
50/ 49	.1	.5	.5	.7	1.1	1.1	.4	.1										971	984	498	256
48/ 47	.3	.6	.6	1.1	1.1	.9	.3	.0										1124	1126	679	348
46/ 45	.2	.8	1.1	1.5	1.4	.8	.2	.0										1324	1336	908	389
44/ 43	.5	1.0	1.3	1.4	1.3	.5	.1	.0										1370	1377	1260	467
42/ 41	.5	1.1	1.4	1.7	1.1	.3	.1											1374	1383	1524	625
40/ 39	.5	1.3	2.1	1.6	.8	.2												1462	1467	1658	778
38/ 37	.5	1.8	2.2	1.8	.4	.1	.0											1559	1563	1786	919
36/ 35	.5	2.2	2.5	1.5	.4	.0												1596	1599	1927	1183
34/ 33	.6	2.4	2.1	1.0	.2	.0												1408	1415	1792	1428
32/ 31	.7	2.2	1.8	.7	.2													1274	1279	1935	1676
30/ 29	.5	2.3	1.5	.5	.0													1079	1082	1539	1808
28/ 27	.4	1.8	1.0	.3														783	797	1322	1649
26/ 25	.4	1.7	1.0	.1	.0													719	728	918	1845
24/ 23	.3	1.6	.7	.1														606	609	828	1608
22/ 21	.3	1.1	.4	.0														404	408	650	1372
20/ 19	.2	1.1	.3	.0														359	363	454	949
Element (X)	Mean No. of Hours with Temperature																TOTAL				
Rel. Hum.	≤ 0 F																≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

YE ABS

DEC
MONTH

PAGE 2

ALL
HOURS (1 S Y)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 STATION NAME YEARS MONTH JAN

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	1	
64/ 63	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	12	1
62/ 61	.0	.4	.4	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	22	22	6
60/ 59	.0	.4	.4	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	20	20	13
58/ 57	.2	.3	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	31	31	31	27
56/ 55	.3	.5	.3	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	45	45	45	30
54/ 53	.3	.8	.7	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	60	60	60	36
52/ 51	.1	.5	.5	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50	51	39	29
50/ 49	.4	.5	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	60	60	42	43
48/ 47	.4	.6	.9	.4	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	89	89	51	47
46/ 45	.3	1.2	.6	.8	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	106	106	56	38
44/ 43	.6	1.0	1.5	1.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	149	149	91	49
42/ 41	.6	1.2	1.2	1.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	147	147	106	68
40/ 39	.4	.7	2.6	1.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	150	150	150	72
38/ 37	.4	1.7	2.0	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	147	149	134	50
36/ 35	.8	2.8	3.1	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	215	221	204	109
34/ 33	.8	2.9	2.9	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	216	218	229	143
32/ 31	.7	2.4	1.9	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	163	163	218	175
30/ 29	.7	3.1	3.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	190	190	200	202
28/ 27	.7	2.9	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	143	143	199	169
26/ 25	.3	3.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	119	119	197	180
24/ 23	.9	1.7	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	115	115	127	210
22/ 21	.4	2.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	109	109	86	165
20/ 19	.2	2.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	85	89	129	127
18/ 17	.4	1.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	62	70	99	123
16/ 15	.4	1.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	59	50	59	136
14/ 13	.3	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	44	44	51	92
12/ 11	.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	37	37	53	86
10/ 9	.2	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	38	38	30	55
8/ 7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	14	33	68
6/ 5	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	13	44
4/ 3	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	22	27	42
2/ 1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	5	30
0/ -1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	7	21

Element (X)	ZX	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					TOTAL	
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb											
Wet Bulb											
Dew Point											

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

JAN
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

PAGE 2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

YEARS

JAN
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		D.B./W.B.	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
64/ 63	.1	.6	.0	.1														3	22	3	4
62/ 61	.1	.3	.1	.0														19	19	22	17
60/ 59	.1	.7	.1	.1	.1	.1	.1	.1	.1									34	34	15	12
58/ 57	.2	.5	.1	.1	.0	.0	.0	.0	.1									26	26	30	28
56/ 55	.4	.5	.3	.1	.1	.1	.0	.0										36	36	28	28
54/ 53	.1	.5	.2	.1	.1	.1	.1	.1										34	34	28	15
52/ 51	.3	1.0	.3	.4	.1	.1	.1	.1										65	67	35	27
50/ 49	.5	.9	.3	.2	.2	.3	.1											66	66	49	49
48/ 47	.4	.8	.5	.6	.3	.1												74	75	54	43
46/ 45	.9	.8	1.2	.8	.3													112	112	76	55
44/ 43	.8	1.6	1.7	1.4	.2													156	158	92	53
42/ 41	.1	1.3	2.5	1.2	.5	.1												156	156	102	56
40/ 39	.4	1.7	2.0	1.6	.3													166	167	151	60
38/ 37	1.0	2.7	1.9	.9	.1													182	188	198	105
36/ 35	.7	3.8	3.0	.5	.1													221	222	193	118
34/ 33	.9	3.8	2.0	.8														209	212	249	184
32/ 31	.6	2.8	2.2	.3														162	162	228	202
30/ 29	.8	3.2	2.2	.0														173	173	174	177
28/ 27	.8	3.6	1.1	.1														153	153	211	197
26/ 25	.8	2.3	1.1	.1														115	115	153	190
24/ 23	.5	2.5	.8															106	106	111	151
22/ 21	.5	2.4	.4															93	95	95	141
20/ 19	.7	2.0	.1															77	79	119	132
18/ 17	.3	1.3	.3															53	53	63	119
16/ 15	.5	1.7	.3															70	70	52	102
14/ 13	.3	1.1	.3															45	45	62	88
12/ 11	.5	.8	.1															39	39	49	69
10/ 9	.3	.6	.0															24	24	37	70
8/ 7	.1	.4																13	13	20	48
6/ 5	.3	.6																24	24	19	46
4/ 3	.1	.5																18	18	17	33
2/ 1	.1	.2																7	7	14	25
0/ -1	.0																	1	1	4	18
-2/ -3																					

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

JAN
MONTH

YEARS

PAGE 2 0300-0500
HOURS (L. S. T.)

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS PAGE 1 0600-0800 MONTH JAN
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		Dew Point			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb				
64/ 63			.1	.1														6	6					
62/ 61		.3	.1	.1														10	10					
60/ 59	.1	.5	.2	.0														21	21	20				
58/ 57	.2	.4	.1	.0				.0										22	22	22				
56/ 55	.3	.9	.1	.0	.0													39	39	26				
54/ 53	.3	.6	.1		.1	.1	.0											36	36	33				
52/ 51	.2	.5	.1	.1	.1	.0	.0											26	26	27				
50/ 49	.3	.5	.1	.2	.1	.1	.1	.0										40	41	25				
48/ 47	.3	.7	.4	.1	.2	.1	.0											51	52	34				
46/ 45	.4	1.3	.3	.5	.3	.0												75	75	46				
44/ 43	.7	1.5	.5	.7	.3													98	99	68				
42/ 41	.7	1.3	1.5	.9	.2													129	129	78				
40/ 39	.4	1.5	1.9	1.1	.3													140	143	100				
38/ 37	.7	1.9	1.9	1.3	.2													167	169	136				
36/ 35	.7	3.0	2.2	.9	.1													193	198	174				
34/ 33	1.0	3.7	2.5	.8	.2													225	225	203				
32/ 31	1.2	3.9	2.2	.8														221	224	233				
30/ 29	.8	3.7	1.6	.1														169	169	239				
28/ 27	.7	3.8	1.4	.1														167	168	208				
26/ 25	.7	4.4	.7	.0														160	160	186				
24/ 23	.6	3.2	1.1															134	134	166				
22/ 21	.8	2.5	.5															105	105	131				
20/ 19	.8	2.8	.6															113	113	111				
18/ 17	.7	2.2	.3															8	8	108				
16/ 15	.2	1.5	.2															53	53	69				
14/ 13	.4	1.3	.2															51	51	67				
12/ 11	.4	1.5	.2															60	61	52				
10/ 9	.5	1.2																46	47	62				
8/ 7	.3	.6																44	24	38				
6/ 5	.3	.6																26	26	21				
4/ 3	.3	.7																28	28	33				
2/ 1	.1	.3																13	13	13				
0/ -1	.0	.4																13	13	12				
-2/ -3	.1	.1																4	4	10				
Element (X)	Σ X																Σ X ²		Mean No. of Hours with Temperature			Total		
Rel. Hum.																			≤ 0 F	≥ 32 F	≥ 67 F		≥ 80 F	≥ 93 F
Dry Bulb																								
Wet Bulb																								
Dew Point																								

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919	TINKER AFB OK/OKLAHOMA CITY	43-72
STATION	STATION NAME	

STATION NAME

YEARS

JAN
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS JAN MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	± 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69				.0	.0				.1									3	3		
68/ 67									.0									2	2		
66/ 65			.1	.0	.0	.0			.0	.0								7	7	1	
64/ 63		.1	.3	.0	.1		.0	.1			.0							17	17		
62/ 61	.1	.4	.1	.0		.2	.0	.0										22	22	7	3
60/ 59	.1	.4	.1	.2	.1	.1	.1	.1	.0									35	35	25	18
58/ 57	.1	.4	.4	.1	.0	.3	.2	.1										45	45	26	21
56/ 55	.1	.5	.3	.1	.2	.5	.3											56	56	21	20
54/ 53	.0	.5	.4	.2	.3	.5	.2	.0										56	56	29	20
52/ 51	.3	.3	.3	.3	.6	.5	.3	.1										76	76	44	27
50/ 49	.3	.9	.3	.5	.7	.4	.2											91	91	47	30
48/ 47	.4	.9	.5	.9	.9	.4	.1											115	116	71	51
46/ 45	.5	.9	.9	1.3	1.1	.4	.1											144	144	86	50
44/ 43	.7	1.2	1.1	1.5	.9	.3	.0											155	155	128	65
42/ 41	.4	1.5	1.4	1.6	.9	.4												172	175	134	60
40/ 39	.4	.9	1.5	1.8	.8	.0												149	149	160	62
38/ 37	.5	1.1	2.2	1.9	.6	.1												176	176	177	99
36/ 35	.7	2.1	2.0	1.3	.1													175	178	193	136
34/ 33	.7	2.3	2.0	1.3	.1													177	177	226	143
32/ 31	.7	2.7	1.9	.6	.0													164	167	227	165
30/ 29	.4	2.4	2.1	.7	.0													153	153	184	214
28/ 27	.7	2.7	1.5	.4														143	143	174	172
26/ 25	.4	1.9	1.4	.2														109	109	144	187
24/ 23	.3	1.8	1.1	.1														89	89	108	168
22/ 21	.1	2.1	.9	.1														87	87	102	166
20/ 19	.3	1.1	1.0	.0														66	66	94	114
18/ 17	.6	.9	.5															56	57	83	130
16/ 15	.1	1.2	.4															45	48	57	102
14/ 13	.3	1.0	.2															40	40	44	85
12/ 11	.1	1.4	.1															44	44	45	67
10/ 9	.1	.7	.1															25	25	44	63
8/ 7	.1	.7																23	23	24	58
6/ 5	.2	.4																17	17	21	74
4/ 3	.0	.3																10	10	16	47

Element (X)	Σ X		X	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total	
	Σ X	Σ X ²				± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F			
Rel. Hum.														
Dry Bulb														
Wet Bulb														
Wet Bulb														

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

JAN

PAGE 2 0900-1100
HOURS (U.S.T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME
YEARS
MONTH
JAN

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
80/ 79								.0										1	1			
78/ 77								.0										1	1			
76/ 75						.0					.0	.1						5	5			
74/ 73												.0						4	4			
72/ 71								.0	.1	.0	.0	.0						8	8			
70/ 69						.0		.1	.3	.2	.1							23	23			
68/ 67					.1	.1		.3	.3	.1	.1							36	36		1	
66/ 65					.1	.1		.4	.1	.3	.0							48	48			
64/ 63		.0	.1	.2	.3	.0		.6	.2	.3	.0							55	55		4	
62/ 61	.1	.1	.2	.2	.2	.2		.9	.3	.1								74	74	13	5	
60/ 59	.1	.2	.2	.3	.2	.4		.6	.4	.1								90	90	25	11	
58/ 57	.1	.2	.3	.3	.5	.3		.7	.3	.0								96	96	34	20	
56/ 55	.1	.1	.3	.5	.3	.7		.8	.5									92	92	33	13	
54/ 53	.1	.5	.6	.3	.5	1.0		.5	.1									134	134	70	26	
52/ 51	.1	.5	.5	.4	1.0	1.7		.7	.4	.0								145	145	79	33	
50/ 49	.1	.4	.5	.5	1.5	1.2		.7	.1									140	140	115	46	
48/ 47	.2	.7	.3	1.1	1.2	1.4		.5										151	151	122	45	
46/ 45	.2	.5	.7	1.8	1.7	1.1		.0										168	170	155	68	
44/ 43	.3	.5	.8	1.5	1.9	.8		.2										163	164	172	66	
42/ 41	.4	.7	.6	1.3	1.1	.9		.1										137	139	207	66	
40/ 39	.4	.5	.8	1.3	1.4	.4												132	133	206	76	
38/ 37	.3	1.0	.6	1.5	1.1	.1		.0										128	129	197	115	
36/ 35	.5	1.1	1.6	1.3	.6	.0												142	144	184	145	
34/ 33	.4	1.5	.9	.7	.5													108	110	158	175	
32/ 31	.4	1.7	.7	.8	.2	.0												107	108	202	190	
30/ 29	.5	1.8	.7	.8	.1													108	108	156	181	
28/ 27	.3	1.0	1.0	.7														82	82	116	189	
26/ 25	.1	.9	.9	.4	.1													67	67	79	182	
24/ 23	.1	1.0	.9	.4														66	66	84	188	
22/ 21	.3	.6	.7	.1														47	47	75	142	
20/ 19	.4	.6	.6	.1														46	48	62	103	
18/ 17	.1	.5	.3	.1														30	31	48	126	
16/ 15	.3	1.0	.4															47	47	40	97	
14/ 13	.1	.7	.1															23	23	43	68	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0\text{ F}$	$\leq 32\text{ F}$	$\geq 67\text{ F}$	$\geq 73\text{ F}$	$\geq 80\text{ F}$	$\geq 93\text{ F}$	
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

JAN
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-5432:

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72
STATION NAME YEARS MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL											
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
74/ 73				.0														1	1												
72/ 71			.0															1	1												
70/ 69		.0																1	1												
68/ 67					.0			.0		.0								3	3	3	1										
66/ 65		.0	.0	.1	.0	.1	.0	.1	.0	.1								16	16		1										
64/ 63		.3	.3	.3	.3	.1	.0	.2	.1	.1								39	39	3	1										
62/ 61		.0	.1	.3	.2	.1	.2	.2	.1	.1	.0							36	36	7	5										
60/ 59	.0	.5	.3	.2	.2	.1	.3	.3	.2	.2								58	58	26	10										
58/ 57	.1	.1	.3	.3	.3	.5	.5	.3	.1									65	65	30	19										
56/ 55	.1	.3	.4	.1	.6	.4	.7	.2	.1									83	83	22	25										
54/ 53	.1	.6	.5	.4	.6	.7	.7	.1										104	104	39	23										
52/ 51	.0	.5	.4	.4	.8	1.0	.7	.1										109	109	51	31										
50/ 49	.3	.5	.3	.8	1.3	.8	.3	.1										123	123	66	39										
48/ 47	.0	.8	.8	1.1	1.5	1.1	.2											150	150	94	45										
46/ 45	.1	.4	.7	1.2	1.6	.7	.3											141	141	105	44										
44/ 43	.4	1.0	1.2	2.0	1.5	.8	.3											196	196	150	44										
42/ 41	.4	1.1	1.0	2.2	1.1	.3	.0											169	170	187	64										
40/ 39	.4	1.6	1.4	1.6	1.1	.4												179	181	197	102										
38/ 37	.2	1.3	1.8	2.2	.8	.0												175	175	237	104										
36/ 35	.3	1.2	1.6	2.0	.8	.1												164	165	203	142										
34/ 33	.6	1.3	1.7	1.0	.2													131	133	208	146										
32/ 31	.3	1.9	1.3	1.1	.1													132	132	190	173										
30/ 29	.2	2.1	.9	.8														110	110	167	207										
28/ 27	.5	1.6	1.4	.4	.0													109	109	160	191										
26/ 25	.3	1.4	1.3	.4														91	91	113	172										
24/ 23	.4	1.1	1.2	.2														81	81	104	178										
22/ 21	.4	1.1	.7	.1														63	63	87	181										
20/ 19	.3	.9	.8	.1														57	58	73	117										
18/ 17	.3	.5	.3															31	33	59	116										
16/ 15	.2	1.0	.3	.0														43	43	42	101										
14/ 13	.4	.9	.3															43	44	46	84										
12/ 11	.0	.3																10	10	32	80										
10/ 9	.1	.4	.1															15	15	18	59										
8/ 7	.1	.4	.0															16	16	15	57										
Element (X)	Σ X																	Σ X ²		Mean No. of Hours with Temperature			Total								
Rel. Hum.																				≤ 0 F			≥ 67 F		≥ 80 F		≥ 93 F				
Dry Bulb																															
Wet Bulb																															
Dew Point																															

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

YEARS

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
70/ 69				.0														1	1					
66/ 65		.0	.1			.1												5	5					
64/ 63		.1	.4	.1	.1													21	21	3				
62/ 61		.3	.2	.1			.1		.0									20	20	7	5			
60/ 59	.0	.6	.1	.1	.1		.1	.1	.0									28	28	20	12			
58/ 57	.2	.4	.1	.2	.0	.1	.2	.1										34	34	31	24			
56/ 55	.1	.5	.7	.4	.3	.2	.1	.1										63	63	23	26			
54/ 53	.2	.7	.4	.1	.2	.3	.3	.1										62	62	29	24			
52/ 51	.2	.7	.4	.4	.6	.5	.3											80	81	48	28			
50/ 49	.3	.9	.5	.8	.7	.6	.2											111	113	59	42			
48/ 47	.1	.6	.7	.8	.8	.4	.0											97	97	50	47			
46/ 45	.3	.7	.8	1.2	1.1	.3	.0											121	121	80	41			
44/ 43	.3	.8	1.2	1.5	1.4	.3												152	153	97	40			
42/ 41	.8	.8	1.2	2.1	1.1	.3												174	175	140	66			
40/ 39	.6	1.4	2.1	1.6	.5	.2												175	176	163	85			
38/ 37	.3	1.7	2.7	1.5	.2													177	178	182	73			
36/ 35	.5	2.1	2.5	1.6	.3													193	196	238	112			
34/ 33	.8	2.1	2.5	1.6	.3													200	200	222	175			
32/ 31	.6	2.0	2.3	.8	.0													157	157	204	157			
30/ 29	.5	2.0	2.1	.5	.0													144	144	192	208			
28/ 27	.4	2.2	1.3	.3														117	117	184	170			
26/ 25	.3	2.4	1.3	.3														118	118	141	176			
24/ 23	.6	2.2	1.3	.1														117	117	132	199			
22/ 21	.4	1.6	.9															78	78	100	181			
20/ 19	.1	1.9	.7															73	74	102	105			
18/ 17	.2	.8	.5															44	46	75	130			
16/ 15	.3	1.1	.3															44	44	48	127			
14/ 13	.5	.8	.2															40	40	48	93			
12/ 11	.2	1.0	.3															42	42	41	85			
10/ 9	.0	.4	.0															14	14	34	50			
8/ 7	.1	.5																17	17	16	54			
6/ 5	.3	.4																21	21	19	56			
4/ 3	.0	.1																5	5	15	39			
2/ 1	.0	.1																4	4	3	32			
Element (X)	ΣX ²			ΣX			X̄	°X	No. Obs.			Mean No. of Hours with Temperature					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								

PSYCHROMETRIC SUMMARY

STATION
616ET

STATION NAME
TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

JAN
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72 STATION NAME YEARS MONTH
PAGE 1 0000-0200 HOURS (L. S. T.)
FEB

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
68/ 67											.1							3	3													
66/ 65																		15	15													
64/ 63		.2	.2	.3	.1	.1	.1	.1	.1									19	19	8	2											
62/ 61	.0	.3	.2	.2	.3	.2	.1	.1	.1									25	25	17	10											
60/ 59		.3	.4	.3	.2	.1	.1	.1	.1									33	33	14	20											
58/ 57		.5	.4	.5	.2	.1	.2	.2	.2									49	49	19	10											
56/ 55	.1	.8	.3	.3	.5	.2	.3	.2	.3									65	65	40	20											
54/ 53	.3	.8	.3	.3	.5	.2	.3	.2	.3									74	75	51	34											
52/ 51	.0	.8	.7	.3	.5	.6	.2	.2	.2									108	108	53	37											
50/ 49	.4	.9	.6	1.1	.7	.7	.7	.0	.0									137	139	75	59											
48/ 47	.7	1.1	1.0	1.3	.8	.4	.2	.1	.1									147	151	81	65											
46/ 45	.5	1.2	1.3	1.3	1.4	.2	.1											144	144	120	60											
44/ 43	.2	1.5	1.3	1.5	1.0	.3	.1											180	181	152	62											
42/ 41	.4	1.7	2.2	1.4	1.3	.3												154	155	169	75											
40/ 39	.3	1.6	2.1	1.7	.6													193	193	178	113											
38/ 37	.5	2.3	2.1	2.4	.6													141	144	202	146											
36/ 35	.6	2.2	2.0	.7	.2													179	179	220	148											
34/ 33	.7	3.2	2.6	.8	.0													148	148	199	179											
32/ 31	.4	2.5	2.0	1.1	.0													150	151	163	188											
30/ 29	.5	2.4	2.2	1.1														127	127	149	150											
28/ 27	.5	1.9	2.0	.7	.0													103	103	142	162											
26/ 25	.4	2.0	1.5	.2														80	80	116	153											
24/ 23	.5	1.8	.9	.0														63	63	113	139											
22/ 21	.5	1.4	.7															38	38	64	117											
20/ 19	.3	1.1	.1															27	28	48	116											
18/ 17	.3	.7	.1															17	17	23	82											
16/ 15	.4	.2	.1															7	7	10	73											
14/ 13	.2	.1																9	9	8	88											
12/ 11		.4																2	3	6	46											
10/ 9		.1																2	2	1	34											
8/ 7		.1																5	5	4	30											
6/ 5	.0	.2																1	1	3	7											
4/ 3		.0																														
2/ 1																																
2/ 1																																
Element (X)	Σ X												Σ X		Mean No. of Hours with Temperature																	
Rel. Hum.															≤ 0 F												≥ 80 F		≥ 93 F		Total	
Dry Bulb																																
Wet Bulb																																
Dew Point																																

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

43-72

FEB
MONTH

STATION

STATION NAME

VEAPS

PAGE 2

0000-0200
HOURS (L S T)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

FEB
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)										TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65							.0											1	1		
64/ 63		.1					.1											6	6		
62/ 61		.2	.2	.1	.0													11	11	4	3
60/ 59		.5	.3	.1														22	22	9	2
58/ 57	.1	.5	.2	.0	.0	.1	.0	.0										24	24	16	18
56/ 55	.2	.7	.4	.2	.2	.2	.1	.0										43	43	25	17
54/ 53	.2	.7	.3	.2	.4	.2	.0	.1										53	54	33	23
52/ 51	.0	.9	.5	.4	.2	.1	.1											54	56	34	23
50/ 49	.8	.9	.5	.7	.3	.3	.2											90	91	69	53
48/ 47	.5	.7	.6	.9	.6	.3	.1											91	92	43	50
46/ 45	.7	1.4	.9	1.6	1.1	.1	.0											142	143	74	41
44/ 43	.3	1.1	1.5	1.7	.8	.2	.0											137	138	99	51
42/ 41	.6	1.4	2.3	1.4	.4	.1												151	155	96	72
40/ 39	.5	2.5	1.8	1.1	.5	.1												159	160	183	67
38/ 37	.9	1.7	2.3	1.5	.4	.1												167	167	192	103
36/ 35	.5	3.6	2.8	1.1	.2													200	202	179	124
34/ 33	.7	3.0	1.9	.5	.1													150	150	186	156
32/ 31	.6	3.8	2.3	.7														180	181	225	177
30/ 29	.6	2.5	2.0	.4														133	133	161	198
28/ 27	.5	2.7	2.1	.5														141	141	165	143
26/ 25	.5	2.9	1.1	.2														118	120	145	181
24/ 23	.7	2.6	1.7	.0														122	124	141	157
22/ 21	.5	1.6	.4	.0														64	65	112	129
20/ 19	.7	2.2	.3															77	78	85	110
18/ 17	.4	1.1	.1															40	40	66	115
16/ 15	.5	.4	.2															27	27	50	89
14/ 13	.4	.2																13	13	18	77
12/ 11	.1	.4																11	11	14	82
10/ 9		.2																4	4	5	70
8/ 7		.1																2	2	3	50
6/ 5	.0	.0																2	2	3	18
4/ 3		.1																2	2	1	10
2/ 1	.0	.1																4	4	5	11
0/ -1																					8

Element (X)	Σ X ²		Σ X		X̄		No. Obs.	Mean No. of Hours with Temperature					Total	
	Σ X ²		Σ X		X̄			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.														
Dry Bulb														
Wet Bulb														
Dew Point														

PSYCHROMETRIC SUMMARY

FEB
MONTH

SYNOPSIS

TINKER AFB OK/OKLAHOMA CITY

43-72

PAGE 2 0300-0500
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72
STATION NAME YEARS MONTH FEB
PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63		.2	.1															6	6	6	3
62/ 61	.0	.2	.0	.0														7	7	7	3
60/ 59		.3	.3	.2	.0													20	20	20	5
58/ 57	.1	.2	.1		.1													13	13	13	11
56/ 55	.1	.8	.3	.1	.1	.1												35	36	22	13
54/ 53	.2	.8	.0	.2	.0	.1	.1											36	37	29	22
52/ 51	.2	.9	.4	.3	.3	.2	.2											55	56	33	30
50/ 49	.6	.9	.5	.5	.3	.2	.0											74	74	44	43
48/ 47	.6	.9	.8	.9	.3	.4												95	95	49	43
46/ 45	.3	.7	.9	1.2	1.3	.1												111	112	65	32
44/ 43	.6	1.4	1.1	1.4	.6	.1												127	133	78	48
42/ 41	.5	1.5	1.8	1.6	.3	.1												141	143	97	68
40/ 39	.7	2.2	2.8	1.2	.2	.1												177	178	158	66
38/ 37	.9	2.8	2.3	.8	.1													169	169	197	88
36/ 35	.6	2.9	1.8	1.1	.3													165	165	207	125
34/ 33	.7	3.7	1.9	1.1	.2													184	187	168	158
32/ 31	.7	3.4	2.6	.5														175	177	182	194
30/ 29	.9	3.1	1.7	.5														151	151	205	180
28/ 27	.5	3.0	1.9	.4														143	143	167	146
26/ 25	.9	2.9	1.2	.2														127	127	147	164
24/ 23	.4	2.7	1.1	.1														104	108	141	171
22/ 21	.6	2.3	.7	.1														88	89	121	126
20/ 19	.7	2.1	.5															80	80	86	124
18/ 17	.3	1.8	.4															61	61	76	115
16/ 15	.7	.5	.1															31	31	63	93
14/ 13	.7	.7	.0															34	34	36	86
12/ 11	.1	.2																8	8	18	87
10/ 9	.2	.2																8	8	8	53
8/ 7		.2																4	4	6	61
6/ 5		.1																2	2	2	28
4/ 3	.0																	1	1	2	14
2/ 1	.0	.0																2	2	2	12
0/ -1	.0	.1																3	3	3	12
-2/ -3																					5
Element (X)	Σ X ²		Σ X		X		No. Obs.		Mean No. of Hours with Temperature								Total				
Rel. Hum.									≥ 80 F								Total				
Dry Bulb									≥ 73 F												
Wet Bulb									≥ 67 F												
Psych. Calc.									≥ 60 F												

DATA: PROCESSING BRANCH
USAF ETAC
R WEATHER SERVICE/MAC

STATION	STATION NAME
13919	TINKER AFB OK/OKLAHOMA CITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

FEB
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
78/ 77										.1								2	2					
76/ 75																		1	1					
72/ 71					.1			.0										3	3					
70/ 69					.0	.0		.0										4	4					
68/ 67		.0	.0	.0	.0	.0	.1	.1	.1	.1	.0							9	9	1	1			
66/ 65				.2	.2	.2	.2	.2	.2	.1								13	13					
64/ 63		.1	.3	.1	.1	.2	.1	.2	.1	.0								27	27	4	4			
62/ 61		.3	.3	.1	.2	.4	.4	.4	.2	.1								26	26	8	8			
60/ 59	.1	.5	.3	.3	.3	.5	.5	.4	.0									61	61	14	14			
58/ 57	.0	.4	.5	.5	.3	.8	.6	.4										72	72	22	20			
56/ 55	.1	.3	.3	.5	.6	.9	.6	.2										85	85	37	16			
54/ 53	.1	.8	.7	.7	1.2	.8	.4											84	85	30	23			
52/ 51	.3	.7	.8	.9	1.1	1.3	.3	.1										114	115	48	28			
50/ 49	.2	.4	.7	1.2	1.3	.6	.1	.0										138	138	89	52			
48/ 47	.4	.6	.8	2.0	1.3	.7	.1											114	115	87	37			
46/ 45	.2	1.2	1.1	1.7	1.2	.6	.1											147	147	121	55			
44/ 43	.6	1.5	1.1	2.0	.7	.5												148	151	152	45			
42/ 41	.2	1.8	1.7	1.8	1.2	.4												158	159	187	83			
40/ 39	.7	1.9	1.1	1.3	.9	.2												174	174	185	94			
38/ 37	.7	2.1	1.9	1.3	.4	.0												149	149	186	119			
36/ 35	.6	2.4	1.8	.9	.4													157	157	210	173			
34/ 33	.6	1.5	1.3	.8	.2													150	150	161	161			
32/ 31	.5	1.1	1.4	.7	.0													108	110	202	171			
30/ 29	.4	1.8	1.6	.6														92	92	135	176			
28/ 27	.2	1.1	1.2	.1														106	109	104	158			
26/ 25	.4	1.2	1.0	.2														62	62	110	156			
24/ 23	.4	1.1	.9	.0														69	72	90	138			
22/ 21	.2	1.0	.2	.0														63	65	86	131			
20/ 19	.3	.7	.1															36	36	59	100			
18/ 17	.2	.7	.1															28	28	51	82			
16/ 15	.1	.4																24	24	28	100			
14/ 13	.0	.2																12	12	21	72			
12/ 11	.1																	5	5	10	74			
10/ 9	.1																	3	3	4	52			
Element (X)	Z _X				X̄				e _X				No. Obs.				Mean No. of Hours with Temperature							
Rel. Hum.													≤ 0 F				≤ 32 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-72	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72 STATION NAME YEARS MONTH FEB

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83												.0	.0					1	1	1	
82/ 81											.0	.0	.0					2	2	2	
80/ 79								.0			.0	.1	.0					5	5	5	
78/ 77							.0	.1			.1	.0	.0					11	11	11	
76/ 75								.0	.0		.1	.2	.0					14	14	14	
74/ 73			.0			.1		.1	.0		.1	.2	.0					18	18	18	
72/ 71		.0	.1	.0		.0	.1	.1	.0	.2	.2	.2						25	25	25	
70/ 69				.1	.1	.1	.4	.2	.1	.4	.3	.1						44	44	44	2
68/ 67			.0	.1	.2	.2	.2	.3	.6	.7	.2							61	61	61	2
66/ 65				.0	.2	.4	.4	.4	.3	.3	.1							53	53	53	2
64/ 63			.2	.1	.2	.6	.5	.6	.8	.5								86	86	86	8
62/ 61			.2	.2	.1	.4	.9	1.1	.7	.1	.1							92	92	92	11
60/ 59		.0	.2	.3	.4	.7	1.2	1.2	.7	.1								121	121	121	27
58/ 57	.1	.1	.3	.5	.6	.9	1.1	.8	.6									125	125	125	43
56/ 55	.0	.4	.2	.6	.5	1.2	.7	.8	.3									114	114	114	52
54/ 53	.1	.4	.7	.4	.5	1.1	.9	.7	.0									121	121	121	88
52/ 51	.0	.4	.4	.8	.9	1.6	1.4	.4										149	149	149	129
50/ 49	.2	.3	.3	.7	.9	1.7	.9	.3										129	130	140	46
48/ 47	.0	.4	.4	.6	1.1	1.3	.8	.2										118	118	159	62
46/ 45	.2	.7	.7	1.3	.7	1.1	.5											126	128	174	65
44/ 43	.1	1.0	.8	.8	1.0	.6	.3											112	112	166	67
42/ 41	.2	1.3	1.0	1.3	.9	.6	.2											132	132	177	87
40/ 39	.5	1.7	1.2	.9	1.3	.7												157	157	217	130
38/ 37	.1	1.1	.7	1.1	1.3	.2												108	108	175	136
36/ 35	.4	1.2	1.0	.9	.5	.2												102	102	154	166
34/ 33	.4	1.2	1.0	.9	.5													96	96	141	144
32/ 31	.2	.9	.9	.7	.3													71	71	130	163
30/ 29	.4	.7	.7	.8	.2													64	64	123	176
28/ 27	.2	.7	.6	.3														42	42	76	149
26/ 25	.3	.5	.6	.2														41	42	80	145
24/ 23	.0	.8	.7	.1														38	41	44	127
22/ 21	.1	.6	.3	.0														26	29	46	128
20/ 19	.3	.5	.2															26	26	45	94
18/ 17	.2	.2	.0															10	10	22	101
Element (X)	Σ X ²			Σ X			X̄			No. Obs.			Mean No. of Hours with Temperature				Total				
Rel. Hum.													≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

DATA PROCESSING BRANCH
JUSAF ETAC
AIR WEATHER SERVICE/MAC

13919	TINKER AFB OK/OKLAHOMA CITY	43-72
STATION	STATION NAME	

YEARS

1000

FEB
MONTH

PSYCHROMETRIC SUMMARY

PAGE 2 1200-1400
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH FEB
PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-19	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85													.0					1	1		
84/ 83												.1	.0					3	3		
82/ 81													.0					1	1		
80/ 79								.0			.1	.2	.1					11	11		
78/ 77									.0		.0	.2	.1	.1				13	13		
76/ 75								.0	.1		.4	.3	.2					25	25		
74/ 73							.0		.1	.1	.2	.2	.1					18	18		
72/ 71				.0	.1	.0	.4	.2	.2	.3	.6	.2	.0					52	52		
70/ 69		.0	.0	.1	.2	.3	.2	.4	.4	.1	.6	.3						68	68	1	1
68/ 67			.0	.0	.1	.3	.2	.2	.5	.7	.5	.0						66	67	1	
66/ 65			.0	.1	.2	.3	.4	.7	.8	.5	.2							89	89	2	
64/ 63			.1	.3	.3	.3	.4	1.1	.9	.5	.1	.0						99	99	6	2
62/ 61	.1	.1	.2	.4	.4	.4	.7	1.3	.7	.4	.0							105	105	19	3
60/ 59	.1	.1	.2	.3	.6	.9	.7	1.0	.9	.2	.0							122	122	40	6
58/ 57		.1	.0	.4	.7	.8	1.0	.9	1.1	.0								124	124	49	11
56/ 55	.2	.4	.2	.5	.6	.5	1.5	1.5	.4									142	142	87	20
54/ 53	.2	.4	.5	.4	.8	.9	1.3	1.0	.2									136	136	88	38
52/ 51	.0	.2	.2	.6	.8	1.2	1.3	.7	.1									127	127	138	41
50/ 49	.0	.4	.2	.6	.6	.9	1.3	.5										114	114	177	31
48/ 47	.1	.5	.4	1.0	1.0	.9	1.4	.5										142	142	156	69
46/ 45	.3	.5	.4	1.0	.8	1.2	.5	.1										120	120	178	74
44/ 43	.1	1.0	1.1	.8	.8	.8	.1											115	115	160	76
42/ 41	.3	.6	1.2	.7	1.3	.7	.2											121	121	230	95
40/ 39	.4	.9	.9	.8	1.3	.9												128	128	171	114
38/ 37	.2	.7	.9	.7	1.0	.4												93	93	192	112
36/ 35	.4	.8	1.0	1.0	1.1	.1												107	107	148	131
34/ 33	.4	.7	.4	.2	.7	.0												60	60	125	173
32/ 31	.2	.6	.7	.5	.1													53	53		170
30/ 29	.5	.5	.4	.2														41	41	120	155
28/ 27	.4	.6	.6	.2														43	43	69	152
26/ 25	.2	.4	.5	.3														34	34	52	145
24/ 23	.0	.6	.8	.0														36	36	31	126
22/ 21	.2	.4	.3															21	21	41	143
20/ 19	.3	.1																11	11	38	99
Element (X)	ΣX																ΣX²		Mean No. of Hours with Temperature		
Rel. Hum.																			≥ 80 F		
Dry Bulb																			≥ 93 F		
Wet Bulb																					
Dew Point																					
Total																			Total		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION
616ET
13919

STATION NAME
TINKER AFB OK/OKLAHOMA CITY

43-72

YFAPS

833

PAGE 2 1500-1700
HOURS (L.S.T.)

0477-54321

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72
STATION NAME YEARS MONTH
PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
80/ 79											.0	.0						1	1													
78/ 77										.0	.0	.0						2	2													
76/ 75										.0	.0	.0						1	1													
74/ 73								.0	.1	.0	.0	.0						4	4													
72/ 71					.1		.0	.0	.0	.1	.2	.0						5	5													
70/ 69					.2	.1	.2	.0	.1	.0	.1	.2						17	17													
68/ 67			.0	.0	.2	.2	.3	.0	.1	.2	.2	.0						27	27													
66/ 65		.1	.0	.2	.2	.3	.3	.1	.2	.2	.2	.0						41	41													
64/ 63		.3	.1	.1	.3	.2	.2	.2	.5	.2	.2							49	49													
62/ 61		.2	.2	.2	.3	.3	.3	.2	.3	.0	.0							55	55													
60/ 59		.1	.4	.4	.6	.7	.7	.9	.3									93	93		5											
58/ 57		.2	.3	.4	.7	.9	1.1	.7										108	108		25											
56/ 55	.1	.3	.4	.7	.9	1.2	1.3	.5	.1									135	135		6											
54/ 53	.2	.3	.8	.6	.7	1.4	.8	.6	.0									132	132		10											
52/ 51	.1	.4	.4	.7	1.1	1.4	1.2	.2										132	132		34											
50/ 49	.3	.2	.6	.9	1.1	1.0	1.2	.2										138	139		72											
48/ 47	.2	1.2	.6	1.1	1.4	1.3	.7	.1										163	163		101											
46/ 45	.3	.6	.9	1.2	1.3	1.3	.6	.1										155	155		52											
44/ 43	.1	1.5	.8	1.5	1.2	1.0	.4											159	159		159											
42/ 41	.2	1.2	1.1	1.2	1.3	.4												134	134		177											
40/ 39	.3	1.1	1.7	.9	1.1	.9	.0											151	151		77											
38/ 37	.1	1.0	1.5	1.6	1.3	.2												140	140		108											
36/ 35	.3	1.6	1.7	1.0	.9	.0												136	136		195											
34/ 33	.4	1.4	1.1	1.1	.5	.1												114	114		201											
32/ 31	.2	.8	1.0	.9	.3													78	78		88											
30/ 29	.5	.8	1.0	.7	.2													79	80		152											
28/ 27	.3	.5	.6	.3														42	42		176											
26/ 25	.2	1.0	.8	.0														49	51		180											
24/ 23	.0	.7	.4	.1														30	30		196											
22/ 21	.4	.7	.3	.1														37	37		133											
20/ 19	.2	.5	.2															23	23		137											
18/ 17	.2	.2	.0															12	12		34											
16/ 15	.1	.3	.0															10	10		113											
14/ 13																		1	1		30											
Element (X)	Σ X												Σ X ²		Mean No. of Hours with Temperature														Total			
Rel. Hum.															≥ 0 F														≥ 80 F		Total	
Dry Bulb															≥ 67 F														≥ 93 F			
Wet Bulb																																
Dew Point																																

PSYCHROMETRIC SUMMARY

434

1800-2000
HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

FEB
MONTH

PAGE 1 2100-2

2100-2300
HOURS (L. S. T.)

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

13919	STATION	TINKER AFB OK/OKLAHOMA CITY	43-72	YEARS	PAGE 2	2100-2300	FEB	MONTH
						HOURS (L. S. T.)		

PAGE 2 2100-2300
HOURS (L. S. T.)

YEARS

43-72

STATION NAME
TINKER AFB OK/OKLAHOMA CITY

STATION NAME

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MAR MONTH 0000-0200 HOURS (L. S. T.)
PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73						.1	.0	.0	.0	.0	.1	.0						1	1		
72/ 71						.1	.1	.1	.1	.1	.1	.0						8	8		
70/ 69		.0		.2	.1	.1	.1	.1	.1	.1	.1	.0						19	19		1
68/ 67		.0	.1	.0	.3	.3	.1	.1	.1	.1	.0							24	24		
66/ 65		.2	.3	.3	.3	.3	.3	.1	.1	.1	.0							37	37	5	
64/ 63		.5	.9	.3	.3	.3	.3	.1	.1	.1								69	69	14	4
62/ 61		.4	.4	.7	.3	.5	.4	.1	.1	.0								76	76	33	18
60/ 59		.8	.5	.5	.3	.5	.1	.2	.1									78	78	62	24
58/ 57	.1	.6	.6	.8	.6	.5	.2	.2	.0									97	97	63	50
56/ 55	.3	1.0	.4	.7	1.1	.7	.4	.1	.1									131	131	72	64
54/ 53	.1	1.2	.6	.7	1.0	.8	1.0	.2	.0									149	150	72	53
52/ 51	.3	.6	.9	.9	1.0	.7	.3	.1										128	128	107	71
50/ 49	.3	.7	.9	1.0	1.1	.8	.8											151	151	104	69
48/ 47	.0	1.3	.6	1.0	1.2	1.3	.3											154	154	132	57
46/ 45	.2	.9	1.3	2.0	1.0	.4	.1											152	152	145	79
44/ 43	.4	1.9	1.3	1.5	1.0	.6	.0											172	172	135	96
42/ 41	.4	2.0	2.0	1.1	1.2	.1												178	178	210	106
40/ 39	.4	2.0	1.9	1.3	.6													167	168	235	153
38/ 37	.2	1.6	2.0	1.6	.3	.0												154	154	224	134
36/ 35	.3	1.5	2.0	1.3	.5	.1												155	156	178	166
34/ 33	.3	1.5	1.8	1.1	.3													135	135	192	180
32/ 31	.4	2.6	1.2	.5	.0													128	129	153	186
30/ 29	.3	1.9	1.3	.4	.0													108	109	165	188
28/ 27	.3	1.0	1.0	.3														72	72	135	142
26/ 25	.2	.9	.6	.0														44	44	76	159
24/ 23	.1	.4	.3															21	21	62	171
22/ 21	.0	.5	.2															20	20	33	122
20/ 19	.0	.4	.0															12	12	21	73
18/ 17	.0	.1	.1															6	6	11	77
16/ 15	.0	.0	.0															2	2	5	69
14/ 13	.0	.2																6	6	5	57
12/ 11	.1	.2	.0															9	9	8	28
10/ 9	.0	.1																5	5	7	15
8/ 7	.0	.0																1	1	3	16
Element (X)	Σ X																Σ X ²		Mean No. of Hours with Temperature		
Rel. Hum.																			≥ 80 F	≥ 93 F	Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS PAGE 1 0300-0500 MAR MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77									.0									1	1		
72/ 71									.0	.0								2	2		
70/ 69									.0	.0								3	3		
68/ 67			.1	.1	.0	.1			.1		.1	.0						12	12		
66/ 65	.0	.2	.1	.2	.1	.1					.1							21	21	3	1
64/ 63		.3	.3	.2	.2	.1			.1									30	30	10	5
62/ 61	.1	.8	.6	.6	.1	.2	.2		.0									73	73	24	11
60/ 59	.3	.7	.7	.6	.3	.1	.1		.0									78	78	53	38
58/ 57		1.1	.6	.6	.2	.3	.1	.1	.0									84	84	51	40
56/ 55	.3	.9	.6	.9	.7	.2	.2	.2	.0									102	103	73	45
54/ 53	.1	1.2	.8	1.2	.7	.4	.2	.1										125	125	68	64
52/ 51	.3	1.0	1.1	.7	.7	.6	.1	.0										125	125	88	70
50/ 49	.2	.7	1.1	1.2	.8	.7	.2	.0										132	132	109	65
48/ 47	.1	1.3	1.0	.9	.9	.8	.1											139	139	120	65
46/ 45	.1	1.0	.9	1.5	1.4	.5	.1											148	148	119	89
44/ 43	.4	1.5	1.4	1.3	1.1	.4	.0											165	165	135	87
42/ 41	.4	2.1	1.8	1.6	.7	.1												178	178	146	119
40/ 39	.5	1.8	2.1	1.2	.5													164	164	203	115
38/ 37	.3	2.7	1.8	1.3	.2													167	169	214	126
36/ 35	.5	2.6	2.4	1.2	.1													184	185	230	157
34/ 33	.1	2.1	2.9	1.0	.1													166	166	199	164
32/ 31	.4	2.9	1.6	1.0														160	160	161	192
30/ 29	.1	2.4	1.8	.4														125	125	187	183
28/ 27	.4	1.6	1.1	.3														89	90	151	155
26/ 25	.3	1.3	.6	.1														64	65	113	191
24/ 23	.1	1.2	.4															44	44	67	161
22/ 21	.0	.7	.2															26	26	56	135
20/ 19	.1	.6	.2															24	24	26	91
18/ 17		.1	.0															5	5	27	61
16/ 15	.0	.4																11	11	9	76
14/ 13	.0	.1																5	5	8	56
12/ 11	.1	.2																8	8	5	27
10/ 9	.1	.2																9	9	10	22
8/ 7	.1																	3	3	7	25
Element (X)	Σ X ²		Σ X		X̄		e _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-45,47-72	PAGE 2	0300-0500
STATION	STATION NAME	YEARS	MONTH	HOURS (L-S-T)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72

MAR

PAGE 1 0600-0800
HOURS (L. S. T.)

YEARS

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69		.1	.1	.0	.0	.0												2	6	1	1
68/ 67		.0	.1	.0	.0	.1	.0	.0		.0								18	18	3	2
66/ 65	.0	.1	.3	.1	.1	.2	.1	.1	.0	.0								37	37	12	6
64/ 63	.2	.2	.5	.2	.2	.2	.1	.1	.1	.0								49	49	19	3
62/ 61		.7	.6	.2	.1	.1	.1	.1	.0	.0								77	77	39	29
60/ 59	.2	.7	.8	.4	.2	.4	.2	.1	.2	.0								76	76	54	35
58/ 57	.1	1.1	.6	.3	.3	.2	.1	.1	.2									99	100	63	48
56/ 55	.2	1.2	.6	.8	.5	.4	.1	.1										123	123	67	62
54/ 53	.2	1.2	1.4	.6	.5	.5	.3	.3										116	116	77	58
52/ 51	.1	1.3	.9	1.1	.4	.5	.1	.1	.1									125	125	116	66
50/ 49	.2	.7	1.6	.9	.4	.8	.2	.2										140	140	111	79
48/ 47	.5	1.4	.8	.9	1.1	.6	.1	.1										160	160	141	85
46/ 45	.3	1.4	1.2	1.3	1.2	.5	.1	.1										156	156	130	96
44/ 43	.4	1.8	1.3	1.1	1.0	.3	.0											178	178	142	127
42/ 41	.4	2.1	1.9	1.5	.6	.2												172	173	210	112
40/ 39	.6	1.7	2.5	1.4	.3	.0												177	179	195	124
38/ 37	.3	2.6	2.2	1.3	.3													176	176	205	146
36/ 35	.3	2.9	2.4	.8	.3													156	156	224	163
34/ 33	.6	1.9	2.4	.7	.2													149	149	161	193
32/ 31	.3	3.0	1.6	.5	.1													132	132	182	196
30/ 29	.7	2.2	1.5	.5														112	112	142	151
28/ 27	.4	2.3	1.4	.2														60	60	125	175
26/ 25	.2	1.5	.5	.1														55	55	72	153
24/ 23	.1	1.2	.7															33	33	53	150
22/ 21	.1	1.0	.2															25	25	43	74
20/ 19	.0	.7	.2															8	8	26	76
18/ 17	.0	.3																12	12	8	62
16/ 15	.0	.4																4	4	9	52
14/ 13	.0	.1	.0															8	8	4	44
12/ 11	.3	.3	.0															10	11	13	20
10/ 9	.2	.2																2	2	5	18
8/ 7	.0	.0																4	4	5	10
6/ 5	.1	.0																2	2	2	18
4/ 3	.0	.0																2	2	2	18
Element (X)	Σ X																Σ X ²		Mean No. of Hours with Temperature		
Rel. Hum.																			≤ 80 F	≥ 93 F	Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MAR
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

PAGE 2

0600-0800
HOURS (L. S. T.)

9477

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MAR MONTH
PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
81/ 81													.0					1	1	1				
80/ 79																		1	1	1				
78/ 77									.0	.0	.1	.1	.0					7	7	7				
76/ 75								.0	.1	.0	.0	.1	.0					11	11	11				
74/ 73			.0	.1	.1	.0	.0	.2	.0	.1	.1	.2	.1					24	24	24				
72/ 71		.0		.1	.1	.3	.2	.2	.1	.1	.1	.1						31	31	31				
70/ 69		.1	.3	.3	.4	.1	.2	.3	.3	.0	.1	.2	.1					35	35	35	2			
68/ 67		.1	.3	.3	.4	.4	.4	.5	.5	.2	.2	.2	.1					66	66	66	5			
66/ 65		.1	.3	.4	.4	.4	.4	.5	.5	.3	.3	.3	.1					89	89	89	3			
64/ 63		.1	.3	.4	.4	.4	.4	.5	.5	.3	.3	.3	.1					91	91	91	10			
62/ 61		.4	.6	.6	.6	.6	.6	.6	.6	.4	.2							114	114	114	48			
60/ 59		.7	.3	.9	.7	.8	.6	.6	.3	.1								136	136	136	66			
58/ 57		.5	.9	.7	.7	.4	.7	.5	.3	.1								132	132	132	92			
56/ 55	.1	.5	.8	.6	.5	.7	.7	.9	.3	.0								136	136	136	83			
54/ 53	.1	.5	.6	1.0	.6	.6	.8	.5										127	127	127	137			
52/ 51	.1	.8	.6	1.0	.8	1.2	.8	.2										146	146	146	120			
50/ 49	.0	.7	.9	.6	1.2	1.1	.5	.1										139	139	139	135			
48/ 47	.2	1.0	.7	1.5	1.2	.8	.5	.0										162	162	162	157			
46/ 45	.2	1.2	.5	1.7	1.5	.6	.2	.0										158	158	158	166			
44/ 43	.1	1.1	1.2	1.0	1.3	.6	.1											147	147	147	186			
42/ 41	.3	1.0	.9	1.2	.6	.5	.1											125	125	125	205			
40/ 39	.3	1.0	1.6	1.5	1.0	.2												149	150	150	199			
38/ 37	.1	1.4	1.1	1.2	.7													119	119	119	180			
36/ 35	.4	1.2	1.5	1.1	.3													120	120	120	186			
34/ 33	.2	1.4	1.2	.5	.3													100	100	100	134			
32/ 31	.2	1.6	.9	.6	.1													91	91	91	155			
30/ 29	.3	1.0	.7	.4	.0													65	65	65	117			
28/ 27	.3	.5	.4	.3														41	41	41	86			
26/ 25	.2	.4	.6	.1														36	36	36	54			
24/ 23	.1	.4	.3	.1														27	27	27	42			
22/ 21		.3	.3	.0														17	17	17	31			
20/ 19	.0	.1	.1															8	8	8	19			
18/ 17		.1	.1															5	5	5	12			
16/ 15	.2	.2	.0															7	7	7	67			
Element (X)	ΣX ²				ΣX				X̄				°x				No. Obs.				Mean No. of Hours with Temperature			
Rel. Hum.																	≥ 0 F				≥ 32 F			
Dry Bulb																	≥ 67 F				≥ 80 F			
Wet Bulb																	≥ 73 F				≥ 93 F			
Dew Point																					Total			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919	TINKER AFB OK/OKLAHOMA CITY	43-45,47-72	PAGE 2	0900-1100
STATION	STATION NAME	YEARS		HOURS (I S Y)
				MAR MONTH

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH MAR
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 89															.0			1	1			
88/ 87															.0	.0		2	2			
86/ 85															.1	.1		6	6			
84/ 83															.0	.1		13	13			
82/ 81							.0	.0	.1	.1	.1	.0	.3	.1	.1	.1		24	24			
80/ 79							.2	.1	.1	.2	.1	.2	.2	.1				32	32			
78/ 77					.1	.2	.3	.3	.3	.2	.1	.1	.1	.0				38	38			
76/ 75					.1	.2	.3	.4	.4	.3	.1	.3	.3					64	64			
74/ 73				.1	.2	.2	.4	.3	.6	.3	.3	.3	.1	.0				79	79			
72/ 71				.1	.3	.2	.6	.3	.3	.4	.4	.3	.0					82	82			
70/ 69		.1		.1	.4	.4	.5	.8	.4	.5	.4	.2	.1					105	105	6		
68/ 67			.1	.3	.5	.6	.4	.8	1.1	.7	.3	.1						128	128	22	2	
66/ 65			.1	.4	.5	.6	1.0	.7	.6	.9	.1	.0						132	132	28	7	
64/ 63		.2	.1	.5	.3	.7	.6	.9	1.0	.7	.3							140	140	45	10	
62/ 61		.2	.2	.4	.4	.7	.8	.6	1.1	.6								139	139	81	24	
60/ 59		.1	.2	.6	.4	.9	.6	.7	.8	.4								129	129	101	22	
58/ 57	.0	.1	.3	.3	.7	.5	1.0	1.1	.8	.0								133	133	115	56	
56/ 55	.0	.1	.4	.4	.7	.9	.9	.9	.4									128	128	124	52	
54/ 53	.1	.2	.6	.6	.6	.7	1.2	.6	.3									134	134	154	75	
52/ 51	.0	.6	.5	.5	.7	1.0	1.1	.3	.1									130	130	167	63	
50/ 49	.1	.4	.6	.7	1.0	1.5	.8	.5	.0									154	154	189	85	
48/ 47	.0	.9	.4	.6	1.0	.6	.9	.2										125	125	186	102	
46/ 45	.0	.6	.7	.7	.7	.8	.3											104	104	189	99	
44/ 43	.0	.9	.4	.6	.9	.7	.2											102	102	189	124	
42/ 41	.0	.6	.6	.4	.5	.6	.0											76	76	192	114	
40/ 39	.2	1.0	.7	.7	.7	.3												100	100	177	148	
38/ 37	.1	.6	.4	.7	.4	.1												67	67	142	136	
36/ 35	.3	.8	.8	.4	.6	.1												82	82	130	144	
34/ 33	.2	1.0	.5	.2	.4													63	63	105	136	
32/ 31	.0	1.1	.6	.5	.1													62	62	113	165	
30/ 29	.3	.7	.2	.3														41	41	82	169	
28/ 27	.2	.2	.1	.1														12	12	45	134	
26/ 25	.2	.2	.2	.1														22	22	41	153	
24/ 23	.0	.0	.1	.1														7	7	17	130	
Element (X)	ΣX^2				ΣX				\bar{X}				No. Obs.				Mean No. of Hours with Temperature					
Rel. Hum.													≤ 0 F				≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

676E1
STATION

STINKER AFB OK/OKLAHOMA CITY

43-45,47-72

YEARS

MAR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

PAGE 2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

MAR

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
90/ 89															.1	.1		4	4	
88/ 87															.0	.1	.0	6	6	
86/ 85												.1		.0	.2	.2		14	14	
84/ 83											.2	.3	.2	.2	.1	.0		30	30	
82/ 81							.0	.1	.0	.1	.4	.0	.2	.1	.1			31	31	
80/ 79							.2	.3	.4	.3	.1	.3	.2	.0				48	48	
78/ 77						.1	.3	.4	.7	.3	.2	.4	.5	.1				83	83	
76/ 75				.0	.1	.3	.1	.4	.3	.4	.2	.5	.4	.1				77	77	
74/ 73				.0	.0	.3	.5	.3	.4	.5	.3	.3	.2					76	76	
72/ 71				.0	.2	.2	.6	.4	.4	.7	.4	.6	.2					103	103	
70/ 69			.0	.1	.3	.3	.4	.4	.7	.6	.9	.7	.1					122	122	3
68/ 67			.0	.3	.3	.2	.6	.6	1.1	.9	.7	.9	.1					128	128	23
66/ 65			.1	.3	.1	.5	.7	.7	.8	1.0	.9	.7	.1					144	144	33
64/ 63		.2	.4	.1	.4	.6	1.0	1.0	1.5	1.1	.4							174	174	64
62/ 61		.1	.3	.2	.5	.7	.9	1.1	.9	.9	.1							153	153	110
60/ 59		.1	.1	.4	.5	.4	.6	.9	1.2	.2								122	122	93
58/ 57			.4	.3	.7	.9	.7	.7	.9	.2								129	129	110
56/ 55	.1	.2	.3	.2	.8	.7	.9	.8	.5	.0								123	123	39
54/ 53		.2	.4	.5	.6	.7	.6	.4	.3									99	99	170
52/ 51	.1	.4	.3	.3	.5	.9	1.3	.4	.1									116	116	182
50/ 49	.1	.7	.3	.6	.9	1.3	1.5	.4										155	155	217
48/ 47	.1	.3	.2	.6	.7	.5	1.1	.2										100	100	225
46/ 45		.7	.6	.3	.4	.7	.5											89	89	186
44/ 43		1.0	.1	.5	.4	.6	.3											80	80	177
42/ 41	.1	.9	.6	.4	.5	.3	.1											81	81	179
40/ 39	.1	.7	.4	.9	.6	.3												77	77	156
38/ 37	.1	.5	.3	.6	.3	.3												59	59	139
36/ 35	.2	1.1	.7	.5	.4	.0												83	83	108
34/ 33	.2	1.4	.3	.4	.1													61	61	145
32/ 31	.2	.8	.4	.1														39	39	95
30/ 29		.4	.3	.1														22	22	62
28/ 27	.2	.1	.1	.1														15	15	46
26/ 25		.1	.2															7	7	12
24/ 23	.0	.2	.1	.0														11	11	8
Element (X)	ΣX ²		ΣX		X̄		°X		No. Obs.		Mean No. of Hours with Temperature					Total				
Rel. Hum.											≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY

YEARS

MAR
MON 7 H

PAGE 2 1500-1700
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

MAR

STATION

STATION NAME

YEARS

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
86/ 85														.0	.0	.0		2	2																	
84/ 83														.0	.0	.0		4	4																	
82/ 81										.1	.1	.0	.0	.1	.1			5	5																	
80/ 79										.2	.2	.1	.1	.2	.2			14	14																	
78/ 77						.1	.1	.1	.2	.2	.3	.2	.2	.0				25	25																	
76/ 75				.1	.0	.3	.4	.3	.3	.3	.3	.2	.0					23	23																	
74/ 73				.0	.1	.5	.4	.3	.3	.3	.3	.2	.1					54	54																	
72/ 71				.1	.3	.5	.4	.3	.3	.3	.3	.2	.1					59	59																	
70/ 69	.0	.0		.5	.3	.5	.3	.3	.3	.3	.3	.1	.0					78	78	2																
68/ 67			.2	.4	.6	.5	.5	.3	.5	.6	.7	.3	.0					105	105	6	1															
66/ 65	.2	.1	.5	.3	.3	.5	.6	.4	.7	.5	.2							104	104	15	2															
64/ 63	.0	.0	.3	.6	.3	.5	.7	.5	.9	.7	.2	.0						129	129	51	9															
62/ 61	.1	.5	.4	.3	.6	.6	.7	.8	.8	.3	.0							133	133	62	24															
60/ 59		.4	.2	.6	.9	.8	1.0	1.3	.9	.3								166	166	103	36															
58/ 57	.2	.6	.5	.8	.5	1.2	1.3	1.2	.7	.0								171	171	80	48															
56/ 55	.2	.2	.5	.6	1.0	.8	1.0	1.2	.3									149	149	90	58															
54/ 53	.1	.5	.4	.5	1.0	1.2	1.2	.9	.0									154	154	135	62															
52/ 51	.2	.6	.3	.6	.9	1.0	1.2	.5										139	139	150	68															
50/ 49	.2	.5	.9	.7	1.2	1.0	.7	.3										143	143	179	87															
48/ 47	.0	.7	.8	.9	1.0	1.3	.8	.1										149	149	191	84															
46/ 45	.8	.9	.6	.7	.9	.8	.3	.0										127	127	212	75															
44/ 43	.1	.8	.6	.7	.9	.9	.2											110	110	215	111															
42/ 41	.2	1.0	.7	.7	.9	.9	.4											118	118	216	126															
40/ 39	.9	.9	.8	.9	.7	.4	.0											102	102	185	144															
38/ 37	.2	.5	.6	.6	.4	.2												69	69	147	133															
36/ 35	.5	1.0	1.2	.6	.3	.0												95	95	141	147															
34/ 33	.2	1.5	.6	.7	.2													85	85	137	174															
32/ 31	.2	.6	.4	.3	.0													41	41	137	185															
30/ 29	.2	.8	.6	.3	.0													49	49	57	158															
28/ 27	.1	.3	.2	.0														17	17	68	122															
26/ 25	.1	.1	.0	.2														11	11	37	182															
24/ 23	.1	.1	.1	.1														8	8	10	133															
22/ 21	.3	.0																8	8	7	122															
20/ 19	.2																	5	5	14	79															
Element (X)	Σ X				X				°X				Mean No. of Hours with Temperature				Total																			
Rel. Hum.													≤ 0 F				≤ 32 F				≥ 67 F				≥ 80 F				≥ 93 F				Total			
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

YFABS

MAR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MAR MONTH
PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75						.0	.1	.1	.0		.1	.0						6	6					
74/ 73				.0	.0	.0	.0	.1	.1	.0	.1							11	11					
72/ 71				.1	.0	.0	.1	.1	.0	.2	.1							17	17					
70/ 69				.3	.3	.4	.1	.0	.3	.1	.0							42	42					
68/ 67	.0	.1	.1	.4	.4	.3	.4	.1	.1	.1	.0							57	57	2	1			
66/ 65		.1	.8	.5	.4	.1	.3	.4	.2	.1	.0							76	76	10	2			
64/ 63		.2	.6	.5	.3	.4	.4	.5	.2	.1	.0							88	88	25	2			
62/ 61	.0	.1	.6	.6	.5	.4	.5	.2	.3	.0	.1							91	91	49	20			
60/ 59	.1	.5	.4	.4	.7	.8	.5	.4	.3	.0								111	111	71	39			
58/ 57	.1	.3	.5	.8	.5	1.0	.7	.4	.1									118	118	60	50			
56/ 55	.1	.6	.7	.8	.8	.9	1.2	.7	.1									160	160	73	59			
54/ 53	.2	.9	.9	.9	.8	1.0	1.1	.3										166	167	104	48			
52/ 51	.3	.3	.5	.8	1.6	1.1	1.2	.2										161	161	127	69			
50/ 49	.3	.9	.7	1.2	1.4	1.2	.8	.1										176	176	145	86			
48/ 47		.7	.7	1.3	1.3	1.3	.4											153	153	140	71			
46/ 45	.1	.9	1.0	1.5	1.5	.8	.1											159	159	152	79			
44/ 43	.2	1.7	1.6	1.0	1.0	.6												166	166	228	97			
42/ 41	.1	1.3	1.4	1.1	1.3	.3	.0											153	153	244	107			
40/ 39	.3	1.2	1.1	1.5	1.2	.3												152	152	218	177			
38/ 37	.1	1.1	1.0	1.2	.8	.5												125	125	192	138			
36/ 35	.3	1.1	1.0	.8	.4	.0												102	102	165	167			
34/ 33	.4	1.6	1.3	.4	.1	.0												105	105	152	207			
32/ 31	.5	1.2	.9	.4	.0	.0												84	84	163	153			
30/ 29	.3	1.1	1.3	.3	.1													83	83	123	171			
28/ 27	.0	.3	.7	.3														37	37	71	128			
26/ 25	.1	.4	.4	.0														26	26	60	173			
24/ 23	.0	.3	.1	.0														11	11	42	151			
22/ 21		.3	.2															14	14	16	128			
20/ 19		.1	.0															4	4	12	61			
18/ 17	.0	.0	.0															3	3	12	79			
16/ 15		.2																6	6	2	59			
14/ 13	.0	.1																3	3	7	62			
12/ 11	.0	.2																6	6	3	32			
10/ 9		.1																2	2	5	10			
Element (X)	Σ X ²		Σ X		X̄		S _x		No. Obs.		Mean No. of Hours with Temperature							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

13919	STATION	TINKER AFB OK/OKLAHOMA CITY	43-45,47-72	YEARS	PAGE 2	2100-2300	HOURS (L. S. T.)
						MAR	MONTH

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH APR
PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85											.0							1	1		
80/ 79											.0							2	2		
78/ 77					.1													2	2		
76/ 75					.2	.1			.0									7	7		
74/ 73			.2	.7	.4		.2	.0	.0									39	39		
72/ 71			.4	.5	.4	.1	.2	.0										42	42		
70/ 69		.0	1.8	1.6	.7	.8	.3	.1	.1	.1	.0							141	141		2
68/ 67		.2	2.1	1.0	1.3	1.0	.7	.2	.1	.0								172	172		3
66/ 65		.9	1.7	1.0	1.4	.7	.5	.2	.1	.1								169	169		2
64/ 63	.0	1.0	1.7	.9	.7	.9	.8	.3	.2	.0								170	170		37
62/ 61		1.7	.8	.6	.7	.8	.7	.3	.1	.0								151	151		95
60/ 59	.1	2.5	1.2	1.2	.9	.8	.8	.5	.1									207	207		120
58/ 57	.3	1.2	1.1	1.3	1.4	.9	.9	.2	.2	.0								193	193		117
56/ 55	.3	1.9	.8	.9	1.5	1.1	.5	.2	.1									188	188		136
54/ 53	.2	1.0	.9	1.3	1.0	1.2	.7	.1	.1									166	169		147
52/ 51	.0	.7	1.5	1.8	1.3	1.0	.4											173	174		146
50/ 49	.1	.9	1.2	1.4	1.3	1.2	.1	.0										162	162		109
48/ 47	.3	1.2	1.5	1.0	1.5	.6	.1											163	163		108
46/ 45	.2	.9	.8	1.7	.7	.4												121	121		141
44/ 43	.1	.7	1.4	.8	.7	.2												102	102		135
42/ 41	.3	.7	1.1	.5	.2	.2												80	80		146
40/ 39	.0	.5	.9	.3	.3													53	53		148
38/ 37	.0	.5	.5	.7	.2													48	48		136
36/ 35		.1	.4	.1	.1													18	18		144
34/ 33		.1	.2	.1														10	10		131
32/ 31	.0	.2	.0															7	7		139
30/ 29																					40
28/ 27																					117
26/ 25		.1																3	3		81
24/ 23																					3
22/ 21																					63
20/ 19																					48
18/ 17																					26
16/ 15																					20
																					13
																					14
Element (X)	Mean No. of Hours with Temperature																No. Obs.		Total		
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72

APR

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75				.2	.3	.1		.0		.0								1	1					
74/ 73				.4	.6	.1	.0	.0		.0								15	15					
72/ 71		.0		.6	.1	.1	.0	.0										32	32					
70/ 69			1.0	.6	.1	.1	.2	.2										52	52		7			
68/ 67		.5	2.4	.8	.3	.2	.2	.2										114	114		28			
66/ 65		1.0	1.8	1.1	.6	.5	.3	.0		.0								139	139		64			
64/ 63	.0	1.7	2.0	1.7	.9	.3	.1	.2	.2	.0								188	188		108			
62/ 61	.2	1.9	1.1	.8	1.1	.4	.2	.3	.1	.0								158	158		138			
60/ 59	.4	3.2	1.0	.9	.9	.6	.4	.1	.0									196	196		159			
58/ 57	.5	1.8	1.6	.8	1.0	.8	.4	.1	.1									183	183		203			
56/ 55	.4	2.3	1.3	1.6	1.3	.7	.4	.1	.0									213	213		130			
54/ 53	.3	1.4	.9	1.1	1.0	1.2	.3	.2	.1									170	172		177			
52/ 51	.4	1.2	1.2	1.1	1.3	.9	.2											165	166		138			
50/ 49	.2	1.1	1.7	1.5	1.2	.7	.1											168	168		158			
48/ 47	.3	1.5	1.8	1.1	1.3	.4												166	166		178			
46/ 45	.1	1.8	1.2	1.8	1.0	.4												166	166		209			
44/ 43	.3	.7	1.7	1.3	.5	.1												117	117		188			
42/ 41	.2	1.0	1.8	.7	.4	.1												109	109		151			
40/ 39	.2	.5	1.4	.7	.2	.1												80	80		183			
38/ 37	.1	.9	1.0	.4	.3	.1												72	72		128			
36/ 35	.2	.3	.6	.5														39	39		96			
34/ 33	.2	.2	.3	.2														19	19		54			
32/ 31	.3	.4	.1															22	22		37			
30/ 29	.0	.1																4	4		40			
28/ 27	.0	.0																1	1		12			
26/ 25	.2																	4	4		4			
24/ 23																					3			
22/ 21																					50			
20/ 19																					28			
18/ 17																					17			
16/ 15																					18			
14/ 13																					16			
12/ 11																					5			
																					1			
Element (X)	ΣX ²				ΣX				X̄				e _x				No. Obs.				Mean No. of Hours with Temperature			
Rel. Hum.																					≥ 0 F			
Dry Bulb																					≥ 67 F			
Wet Bulb																					≥ 80 F			
Dew Point																					≥ 93 F			
																					Total			

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH APR
PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
76/ 75				.0	.0		.0											3	3													
74/ 73			.1	.2	.1		.2											9	9													
72/ 71		.0	.3	.4	.2	.2	.1	.0										33	33													
70/ 69		.0	1.3	.9	.2	.2	.1	.2	.1									75	75	6	1											
68/ 67		.5	1.8	.8	.2	.2	.3	.2										103	103	26	6											
66/ 65		1.3	2.6	.9	.3	.2	.1	.2										145	145	66	34											
64/ 63	.0	2.1	2.0	1.3	.6	.3	.3	.2	.1	.1								180	180	133	69											
62/ 61	.3	2.1	1.6	1.2	1.1	.5	.2	.2	.2	.0								192	192	145	139											
60/ 59	.4	2.3	1.0	.9	.6	.8	.5	.1	.1									175	175	167	125											
58/ 57	.4	2.3	1.2	.9	1.1	.7	.4	.3										191	193	165	156											
56/ 55	.4	2.2	1.4	1.0	1.4	.9	.8	.1	.0									211	212	167	144											
54/ 53	.2	1.2	1.1	1.4	1.6	.8	.3	.2										174	174	145	124											
52/ 51	.3	1.4	1.4	1.3	1.7	1.0	.2											187	187	146	117											
50/ 49	.2	1.1	1.4	1.5	1.3	.6	.2											161	162	150	105											
48/ 47	.3	1.0	1.6	1.2	1.3	.4	.1											153	153	187	122											
46/ 45	.2	1.4	1.4	1.6	.9	.3												149	149	200	115											
44/ 43	.1	1.3	1.7	1.2	.5	.3												128	128	200	139											
42/ 41	.2	.9	1.1	.9	.3	.2												93	93	175	155											
40/ 39	.1	.6	1.5	.6	.1													75	75	150	144											
38/ 37		.7	1.0	.5	.2													65	65	122	125											
36/ 35	.2	.4	.3	.2	.2													34	34	94	122											
34/ 33		.2	.2	.2	.0													19	19	53	148											
32/ 31		.2	.3	.1														14	14	34	131											
30/ 29		.2	.2															12	12	30	94											
28/ 27	.0	.2																5	5	20	68											
26/ 25		.0																1	1	5	72											
24/ 23																				1	40											
22/ 21																					23											
20/ 19																					26											
18/ 17																					14											
16/ 15																					16											
14/ 13																					1											
12/ 11																					2											
Element (X)	Σ X ²																Σ X		X̄		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.																							≥ 0 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																																
Wet Bulb																																
Dew Point																																

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919
STATION

STATION NAME
TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

APR
MONTH

PAGE 2

0600-0800
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS APR MONTH
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		TOTAL												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
98/ 97																	.0	.0	2	2													
94/ 93																	.0	.0	3	3													
92/ 91																	.1	.1	7	7													
90/ 89																	.1	.1	12	12													
88/ 87																	.1	.1	25	25													
86/ 85																	.2	.2	54	54													
84/ 83																	.2	.2	80	80													
82/ 81																	.1	.1	98	98													
80/ 79																	.1	.1	153	153													
78/ 77																	.1	.1	158	158													
76/ 75																	.1	.1	177	177													
74/ 73																	.1	.1	182	182	3												
72/ 71																	.1	.1	150	150	28												
70/ 69																	.1	.1	178	178	81												
68/ 67																	.1	.1	159	159	141												
66/ 65																	.1	.1	153	153	198												
64/ 63																	.1	.1	134	134	172												
62/ 61																	.1	.1	151	151	202												
60/ 59																	.1	.1	138	138	188												
58/ 57																	.1	.1	127	127	202												
56/ 55																	.1	.1	111	111	199												
54/ 53																	.1	.1	78	79	195												
52/ 51																	.1	.1	81	81	172												
50/ 49																	.1	.1	52	52	191												
48/ 47																	.1	.1	53	53	166												
46/ 45																	.1	.1	31	31	146												
44/ 43																	.1	.1	16	16	104												
42/ 41																	.1	.1	8	8	91												
40/ 39																	.1	.1	7	7	54												
38/ 37																	.1	.1	6	6	31												
36/ 35																	.1	.1	1	1	15												
34/ 33																	.1	.1	1	1	7												
32/ 31																	.1	.1	2	2	101												
30/ 29																	.1	.1	2	2	96												
Element (X)	Σ X				Σ X				Σ X				Σ X				Σ X				2												
Rel. Hum.																																	
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	
										No. Obs.		Mean No. of Hours with Temperature																					
												≤ 0 F					≥ 73 F																
												≤ 32 F					≥ 80 F																
												≤ 67 F					≥ 93 F																
																	Total																

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION
13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

YEARS

APR

MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

HOURS (L. S. T.)

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH APR
PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
98/ 97																			2	2															
94/ 93																			5	5															
92/ 91																			14	14															
90/ 89																			18	18															
88/ 87																			53	53															
86/ 85																			87	87															
84/ 83																			89	89															
82/ 81																			134	134															
80/ 79																			147	147															
78/ 77																			182	182															
76/ 75																			190	190															
74/ 73																			148	148															
72/ 71																			172	172															
70/ 69																			163	163															
68/ 67																			158	158															
66/ 65																			179	179															
64/ 63																			155	155															
62/ 61																			140	140															
60/ 59																			115	115															
58/ 57																			92	92															
56/ 55																			90	90															
54/ 53																			68	68															
52/ 51																			48	48															
50/ 49																			46	46															
48/ 47																			25	25															
46/ 45																			34	34															
44/ 43																			14	14															
42/ 41																			7	7															
40/ 39																			7	7															
38/ 37																			3	3															
36/ 35																			1	1															
34/ 33																			2	2															
32/ 31																																			
30/ 29																			3	3															
Element (X)	Σ X'		Σ X		X		X		X		X		X		X		X		X		X														
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			
										No. Obs.		Mean No. of Hours with Temperature																							
												≥ 0 F					≥ 32 F																		
												≥ 67 F					≥ 80 F																		
												≥ 73 F					≥ 93 F																		
																	Total																		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS PAGE 1 1800-2000 MONTH APR
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91													.0					1	1		
90/ 89														.0				1	1		
88/ 87										.0	.1	.1		.0				6	6		
86/ 85								.1	.2	.2	.0	.1		.1				15	15		
84/ 83							.1	.2	.2	.3	.2	.1	.2	.0	.1			36	36		
82/ 81						.1	.1	.3	.3	.1	.2	.2	.2	.1				36	36		
80/ 79					.0	.2	.7	.3	.6	.5	.4	.2	.1	.0				83	83		
78/ 77				.1	.4	.5	.7	.5	.5	.5	.5	.4	.1	.0				109	109		
76/ 75				.3	.8	1.3	.6	.6	.7	.5	.3	.4	.1					150	150		
74/ 73			.0	.6	1.0	1.0	.7	.7	1.0	.7	.3	.2	.2					164	164	1	
72/ 71		.2	.8	.9	.9	.9	.9	.9	.8	.7	.5	.1	.0					173	173	19	
70/ 69	.0	.1	.5	.9	.6	.9	.7	1.5	1.0	.6	.3	.1						189	189	54	6
68/ 67	.1	.0	.7	.3	1.2	.5	.9	.9	.5	1.0	.5	.0						171	171	115	19
66/ 65		.7	.8	.7	.7	.7	1.1	1.0	.9	.8	.3							198	198	145	49
64/ 63		.4	.6	.6	.9	1.0	1.0	.9	1.2	.5	.1							183	183	153	92
62/ 61		1.0	.7	.8	.5	1.2	.7	1.0	1.1	.1								132	182	148	129
60/ 59	.2	.9	.5	.5	.8	1.0	.9	1.2	.7	.0								174	174	222	126
58/ 57	.2	.5	.7	.7	.9	1.0	.9	1.0	.4									164	164	198	128
56/ 55		.6	.4	.4	.9	.6	1.0	.3	.2									116	116	202	121
54/ 53	.0	.4	.5	.6	.2	.5	.9	.5										94	94	219	131
52/ 51	.0	.5	.5	.3	.5	1.1	.4	.3										96	96	181	121
50/ 49	.1	.8	.5	.4	.5	.3	.4	.1										79	79	205	123
48/ 47	.1	.3	.5	.2	.4	.1	.2	.0										50	50	199	157
46/ 45	.1	.5	.2	.5	.1	.3	.0											43	43	157	152
44/ 43		.4	.4	.2	.2	.0	.0											34	34	122	144
42/ 41		.0	.0	.2	.0	.0												9	9	102	138
40/ 39	.1	.2	.1	.1														13	13	69	121
38/ 37	.0	.2	.0															6	6	32	106
36/ 35		.1	.1															6	6	29	100
34/ 33																				8	113
32/ 31																		1	1	1	122
30/ 29			.0															2	2		94
28/ 27			.1																		67
26/ 25																			3	3	71

Element (X)	ΣX'	ΣX	X̄	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.					≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb											
Wet Bulb											
Dew Point											

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-45, 47-72	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1800-2000
HOURS (11:51)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH APR

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85									.0									1	1		
84/ 83								.1	.0									2	2		
80/ 79						.3	.1	.0	.0									14	14		
78/ 77						.3	.0	.0	.1				.1					15	15		
76/ 75					.3	.6	.3	.2	.2	.0	.0							52	52		
74/ 73		.0	.1	.5	.9	.7	.4	.2	.2	.1	.1	.0						85	85		
72/ 71	.0	.0	.4	1.2	1.1	1.1	.6	.5	.4	.0	.3	.0						138	138	5	1
70/ 69	.0	.1	1.3	1.5	1.2	.9	1.1	.7	.3	.3	.3	.0						193	193	26	2
68/ 67		.2	1.3	.9	1.0	.8	.6	.7	.5	.2	.2							157	157	71	15
66/ 65	.0	.7	1.0	1.0	.8	.8	1.0	1.1	.6	.1	.0							186	186	124	39
64/ 63	.0	.7	1.2	.8	.8	.8	1.0	.7	.5	.2								168	168	132	119
62/ 61	.1	.8	1.0	1.1	.7	1.2	.7	.9	.3	.0								176	176	141	107
60/ 59	.3	1.9	.9	.7	1.1	1.6	.9	.7	.3									219	219	184	131
58/ 57	.3	1.0	1.0	.7	1.3	1.1	.8	1.1	.1	.1								197	197	180	124
56/ 55	.1	1.4	1.0	1.3	1.4	1.2	1.2	.3										207	207	176	153
54/ 53	.4	1.2	1.7	1.7	1.0	1.5	.7	.2										170	170	177	118
52/ 51	.0	.5	.8	.7	1.1	.7	.9											122	122	192	129
50/ 49	.1	.7	.8	.6	.9	1.2	.3											118	118	221	112
48/ 47	.3	.8	.7	.5	1.1	.3	.3	.0										105	105	199	124
46/ 45	.8	.8	.9	1.0	.5	.3	.1											96	96	189	158
44/ 43	.1	.3	.8	.6	.4	.4												66	66	164	152
42/ 41	.1	.3	.6	.4	.3	.0												45	45	118	145
40/ 39	.0	.3	.2	.3	.2													25	25	135	147
38/ 37	.1	.2	.3	.0	.0													18	18	63	122
36/ 35		.1	.2		.1													8	8	48	105
34/ 33		.1																3	3	30	135
32/ 31																				8	105
30/ 29																				1	91
28/ 27		.0																1	1	2	71
26/ 25		.1																2	2	1	48
24/ 23																				2	59
22/ 21																					30
20/ 19																					21
18/ 17																					10
Element (X)	Zx'			Zx			X			No. Obs.			Mean No. of Hours with Temperature					Total			
Rel. Hum.													≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F								
Dry Bulb																					
Wet Bulb																					

PSYCHROMETRIC SUMMARY

13519	STATION	INKER AFB OK/OKLAHOMA CITY	43-45,47-72	YEARS	PAGE 2	2100-2300	APR	MONTH	HOURS (U.S.T.)
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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

MAY

STATION

STATION NAME

YEARS

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 53											.0							1	1		
80/ 79																		6	6		
78/ 77		.1	.1	.4	.6	.2	.0		.0									40	40		
76/ 75		.0	.4	1.1	1.1	.5	.1	.1	.0									93	93	5	2
74/ 73		.1	.9	2.2	1.5	.7	.5	.1	.1									169	169	6	5
72/ 71		.6	1.7	1.8	1.7	.8	.3	.1	.1	.0								191	191	36	5
70/ 69		.9	2.2	2.7	2.2	1.0	.5	.2	.1									263	263	115	47
68/ 67	.1	1.7	3.2	2.3	2.0	1.1	.6	.0	.0									299	299	194	88
66/ 65	.2	1.6	3.5	2.5	1.3	.8	.5	.1										281	281	227	190
64/ 63	.0	2.6	2.7	1.7	1.1	.9	.1	.0										248	248	284	197
62/ 61	.3	2.3	1.7	2.0	1.4	.6	.1											231	231	332	241
60/ 59	.6	2.2	2.1	1.7	1.3	.3	.2											226	226	302	295
58/ 57	.3	1.6	1.3	1.3	1.0	.4	.1											161	161	248	256
56/ 55	.3	1.6	1.7	1.0	1.1	.3	.0	.0										163	163	220	249
54/ 53	.0	1.2	1.1	1.0	.5	.1	.1											107	107	188	185
52/ 51	.0	1.2	.9	.6	.2	.0												79	79	166	177
50/ 49		.5	.5	.6	.2	.0												48	48	120	157
48/ 47	.0	.3	.3	.4	.2	.1												38	38	97	146
46/ 45		.5	.2	.2														23	23	51	121
44/ 43		.3	.2	.1														16	16	51	104
42/ 41		.1	.0															3	3	28	72
40/ 39				.0														1	1	11	59
38/ 37				.0														1	1	5	30
36/ 35																				2	27
34/ 33																					9
32/ 31																					1
30/ 29																					2
28/ 27																					6
26/ 25																					1
24/ 23																					2688
TOTAL	2.0	19.3	24.7	24.0	17.4	7.9	3.2	.7	.4	.0	.0							2688	2688	2688	
Element (X)	Σ X ²	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Mean No. of Hours with Temperature	Σ X	Σ X	Σ X
Rel. Hum.	15503595	200899	74.7	13.4	84	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688
Dry Bulb	11063252	171310	63.7	7.3	57	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688
Wet Bulb	9385537	157715	58.7	7.0	04	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688
Dew Point	6259388	148206	55.1	8.3	62	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688	2688

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MONTH MAY
PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.1	.1	.1	.0	.0	.0	.0	.0								6	6		
76/ 75		.0	.3	.4	.3	.0	.0	.0	.0									32	32		
74/ 73		.3	1.0	1.2	.3	.1	.0	.0										78	78	7	2
72/ 71		.7	1.5	1.7	.6	.3	.2											134	134	22	7
70/ 69	.1	1.5	3.1	3.1	1.1	.3	.1	.1	.0	.0								254	254	72	45
68/ 67	.0	2.0	2.9	2.1	1.1	.2	.4	.1	.0									240	240	150	77
66/ 65	.1	2.3	3.8	3.1	.2	.6	.2											303	303	222	146
64/ 63	.4	3.6	3.4	2.2	1.1	.4	.3	.1										310	310	245	207
62/ 61	.4	3.7	2.2	1.6	.7	.5	.1	.0										248	249	332	250
60/ 59	.4	2.5	2.4	1.9	1.2	.3	.0											234	234	309	287
58/ 57	.5	2.6	1.9	1.7	1.2	.2	.1											218	218	248	257
56/ 55	.4	2.5	1.5	1.2	.6	.0	.1											170	170	222	223
54/ 53	.1	1.4	1.9	1.0	.3	.2	.0											133	133	204	216
52/ 51	.2	1.3	1.5	1.2	.3	.2	.1											121	121	178	166
50/ 49	.0	.9	1.0	.6	.2	.0	.0											71	71	151	161
48/ 47		.6	.7	.3		.0												44	44	101	143
46/ 45	.1	.7	.7	.4	.0													52	52	90	122
44/ 43		.2	.3	.1														15	15	61	119
42/ 41		.2	.4	.1														17	17	33	86
40/ 39		.0	.1															4	4	19	62
38/ 37			.0															1	1	15	40
36/ 35			.1															3	3	4	34
34/ 33																				1	14
32/ 31																				2	8
30/ 29																					5
28/ 27																					6
26/ 25																					1
24/ 23																					2
22/ 21																					2
TOTAL	2.8	27.0	30.7	23.7	10.2	3.3	1.7	.4	.1	.0	.1							2689	2689	2688	2688
Element (X)																					
Rel. Hum.	17010162																				
Dry Bulb	10363910																				
Wet Bulb	9046990																				
Dew Point	8207190																				
Mean No. of Hours with Temperature																		≥ 80 F	≥ 93 F	Total	
																		25.7	4.0	93	
																		.1	8.7	93	
																		.8	4.5	93	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH MAY

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.0	.1	.1	.1	.1	.0	.0	.1							1	1		
80/ 79			.0	.0	.4	.0	.0	.0	.0	.0								11	11		
78/ 77			.2	.3	.7	.3	.3	.0	.0	.0								27	27		
76/ 75			.1	.9	.7	.3	.3	.0	.0	.0								64	64	2	
74/ 73	.2	1.2	1.8	.6	.6	.4	.3	.0	.0	.0								122	122	8	2
72/ 71	.9	2.2	2.2	1.2	1.2	.6	.4	.2	.0	.0								205	205	40	12
70/ 69	.0	1.0	3.2	2.8	1.6	.9	.3	.2	.0	.0								270	270	104	52
68/ 67	1.4	3.2	2.8	1.5	1.5	.8	.4	.1	.0	.0								274	275	175	85
66/ 65	.1	2.1	3.9	2.7	.9	.7	.4	.1	.0	.0								297	297	230	182
64/ 63	.3	2.7	2.8	1.7	1.1	.4	.3	.1	.1	.1								256	256	294	215
62/ 61	.3	3.1	2.2	1.2	1.2	.7	.2	.1	.0	.0								241	242	327	265
60/ 59	.5	2.5	1.8	1.5	1.1	.6	.1											215	215	303	268
58/ 57	.5	2.7	1.2	1.3	1.0	.4	.1											194	194	232	278
56/ 55	.2	1.4	1.2	1.2	.6	.1	.0											126	126	208	232
54/ 53	.2	1.5	1.4	.9	.4	.0		.0										119	119	184	181
52/ 51	.0	.9	1.3	.8	.3													90	90	155	152
50/ 49	.0	.7	.9	.6	.1	.1												65	65	134	154
48/ 47	.3	.3	.6	.3	.0	.0												35	35	109	131
46/ 45	.3	.6	.3	.0	.0													32	32	66	129
44/ 43	.3	.2	.0	.1														16	16	44	93
42/ 41	.2	.2	.1															13	13	27	80
40/ 39	.1	.0																3	3	21	67
38/ 37	.0	.0																2	2	9	33
36/ 35	.0	.0																1	1	6	31
34/ 33																					13
32/ 31																				1	10
30/ 29																					5
28/ 27																					3
26/ 25																					3
24/ 23																					2
20/ 19																					1
TOTAL	2.322	32.8	62.3	41.3	13.1	6.2	2.8	.9	.3	.0	.1							2679	2681	2679	2679

Element (X)	ΣX ²	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total	
Rel. Hum.	16107067	204607	76.4	13.393	2679	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	10829596	169204	63.1	7.500	2681			33.8	7.8	.1		93	
Wet Bulb	9286878	156544	58.4	7.216	2679		.0	11.4	.3			93	
Wet Bulb	8342847	147737	55.1	8.549	2679		.8	5.2	.1			93	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

MAY
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91							.0			.0				.1				1	1		
90/ 89							.0			.0				.0				4	4		
88/ 87							.0	.0	.0	.1	.0			.0				14	14		
86/ 85					.0	.1	.2	.3	.3	.2	.1	.1	.0					37	37		
84/ 83					.0	.3	.8	.4	.4	.1	.3	.1	.1					69	69		
82/ 81				.0	.2	1.0	1.3	.9	.4	.3	.1	.0						118	118		
80/ 79				.2	1.1	2.1	1.7	.9	.7	.6	.1	.0						202	202		
78/ 77			.1	.6	1.8	2.1	2.0	.9	.8	.2	.1							235	235	3	
76/ 75		.0	.3	1.1	2.2	2.2	1.2	.9	.9	.3	.2	.0	.0					253	253	10	
74/ 73		.1	.6	1.2	2.5	1.7	1.6	.8	.7	.3	.1	.0						262	262	42	3
72/ 71		.1	.7	2.4	2.1	1.4	.9	.8	.3	.3	.0	.0						245	245	145	24
70/ 69		.4	1.4	1.3	1.2	1.0	1.1	.7	.6	.1	.0							214	214	238	57
68/ 67		.6	1.2	.8	.7	1.1	.7	.9	.4	.1								175	175	271	139
66/ 65	.1	1.0	1.2	1.1	.7	.9	.8	.5	.0	.1								174	174	358	223
64/ 63	.3	1.5	1.0	.7	.6	.5	.7	.3										150	150	291	260
62/ 61	.1	1.2	.4	1.0	.7	.6	.4	.2	.0									127	127	259	308
60/ 59	.5	1.2	.9	.5	.3	.4	.3	.1										111	111	230	246
58/ 57	.1	1.2	.4	.6	.3	.6	.1											94	94	185	211
56/ 55	.1	1.0	.5	.1	.4	.5	.1	.0										76	76	195	177
54/ 53	.3	.3	.5	.3	.4	.2												42	43	143	179
52/ 51	.1	.3	.3	.1	.3	.1	.0											33	33	106	158
50/ 49	.4	.4	.1	.1	.2	.1	.0											27	27	63	135
48/ 47		.1	.1	.0	.0													8	8	63	120
46/ 45		.1	.1			.0												6	6	41	77
44/ 43		.2																6	6	20	85
42/ 41																				14	80
40/ 39																				5	73
38/ 37																				1	43
36/ 35																					30
34/ 33																					21
32/ 31																					10
30/ 29																					9
28/ 27																					3
26/ 25																					3
Element (X)	ΣX ²		ΣX		X̄		°X		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.																	≥ 80 F			Total	
Dry Bulb																	≥ 73 F				
Wet Bulb																	≥ 67 F				
Dew Point																	≥ 62 F				

PSYCHROMETRIC SUMMARY

3919	STATION	TINKER AF8 OK/OKLAHOMA CITY	43-45,47-72	PAGE 2	0900-1100	MAY
		STATION NAME	YEARS		HOURS (L. S. T.)	MONTH

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS PAGE 1 1200-1400 MAY MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97												.0	.0			.0		2	2		
96/ 95											.0	.1			.0			2	2		
94/ 93									.1	.0	.0	.2	.1		.0			10	10		
92/ 91								.0	.3	.1	.2	.2	.1		.1			28	28		
90/ 89							.1	.2	.7	.6	.5	.2	.1	.3	.1			72	72		
88/ 87							.2	.7	1.2	.6	.6	.3	.3	.0	.1			107	107		
86/ 85					.0	.1	.8	1.6	1.3	1.0	.7	.7	.0	.1				172	172		
84/ 83				.1	.3	.4	1.5	2.3	1.3	1.2	.9	.2	.2					225	225		
82/ 81				.1	.3	1.3	1.8	1.9	1.4	1.0	.7	.4	.1					240	240		
80/ 79			.0	.1	.6	1.5	1.8	1.2	1.3	1.3	.8	.3	.0					246	246		1
78/ 77			.3	.3	1.1	1.6	1.6	1.2	1.0	1.0	.4	.3	.0					228	228		9
76/ 75			.4	.6	1.4	1.7	1.4	.9	.9	.7	.4	.3	.0					230	230		46
74/ 73		.1	.4	.9	1.2	1.2	.9	.6	1.0	.8	.5	.1						204	204		3
72/ 71			.4	1.0	.9	.5	.9	.5	.9	.3	.2							151	151		111
70/ 69		.1	.8	1.2	.6	.3	.3	.8	.8	.3	.0							142	142		29
68/ 67	.0	.2	.8	.7	.3	.5	.2	.5	.4	.1								102	102		302
66/ 65	.2	.7	1.2	.6	.8	.3	.8	.5	.2	.1								145	145		82
64/ 63	.1	.6	.4	.8	.3	.3	.2	.4	.1									87	87		311
62/ 61	.1	.6	.4	.3	.2	.3	.2	.1										65	65		236
60/ 59	.1	.5	.2	.2	.3	.5	.4	.1	.0									67	67		282
58/ 57	.0	.5	.3	.3	.1	.3	.3	.0										54	54		190
56/ 55	.1	.6	.2	.1	.1	.1	.1	.0										36	36		233
54/ 53	.1	.2	.2	.2	.1	.0	.0											17	18		168
52/ 51	.0	.5	.0	.2		.0	.0											23	23		135
50/ 49	.3	.1	.1	.1														13	13		179
48/ 47	.1	.1	.1															6	6		140
46/ 45		.1	.0															5	5		122
44/ 43																		25	25		114
42/ 41																		13	13		90
40/ 39																		13	13		97
38/ 37																		3	3		87
36/ 35																		54	54		54
34/ 33																					50
32/ 31																					51
Element (X)																					18

Mean No. of Hours with Temperature										Total	
										≥ 0 F	≥ 80 F
Rel. Hum.											
Dry Bulb											
Wet Bulb											
Dew Point											

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

YEARS

MAY
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb Dew Point	
98/ 97									.0			.1	.0	.0			.1	3	3	
96/ 93								.2	.1	.0	.0	.0	.1	.0	.0		.0	10	10	
94/ 91							.0	.1	.3	.5	.4	.1	.1	.2	.1		.1	18	18	
90/ 89						.0	.0	.4	.7	.5	.5	.4	.3	.1	.1		.1	50	50	
88/ 87						.1	.1	.9	1.4	1.1	.9	.4	.4	.1	.0		.0	88	88	
86/ 85						.2	.7	1.9	1.9	1.8	1.2	1.0	.1	.2	.0		.0	146	146	
84/ 83					.1	.3	1.3	1.7	1.8	1.2	1.1	.5	.1				.0	245	245	
82/ 81					.1	1.2	1.8	1.7	1.2	1.5	1.0	.6	.1	.1			.0	221	221	
80/ 79		.0	.0		.6	1.2	2.0	2.2	1.3	1.2	1.2	.3	.0				.0	250	250	
78/ 77		.0	.0	.2	.8	1.4	1.2	1.2	1.2	.9	.8	.1					.0	271	271	
76/ 75		.2	.9	.8	.9	.9	1.0	1.0	.9	.6	.5	.4	.0				.0	215	215	
74/ 73	.0	.0	.1	.7	1.2	.9	.7	.8	.9	.6	.6	.1					.0	194	194	
72/ 71	.1	.2	.4	1.3	.6	.4	.7	.3	.7	.7	.1						.0	178	178	
70/ 69	.1	.4	.6	.5	.6	.7	.4	.6	.4	.3	.1						.0	149	149	
68/ 67	.1	.6	.7	.6	.2	.4	.4	.4	.4	.0							.0	118	118	
66/ 65	.1	.3	.7	.6	.1	.4	.4	.4	.3	.0							.0	131	131	
64/ 63	.1	.6	.7	.6	.2	.4	.4	.4	.0	.1							.0	86	86	
62/ 61	.0	.6	.4	.1	.2	.2	.1	.2	.1								.0	94	94	
60/ 59	.0	.5	.2	.2	.2	.2	.1	.3	.1								.0	50	50	
58/ 57	.0	.3	.3	.0	.1	.0	.2										.0	51	51	
56/ 55	.1	.5	.3	.3	.3	.0	.1										.0	27	27	
54/ 53	.5	.5	.2	.1	.1	.1											.0	38	38	
52/ 51	.1	.3	.1	.1	.0												.0	23	23	
50/ 49	.1	.1	.1														.0	17	17	
48/ 47	.1	.1	.1														.0	6	6	
46/ 45	.1	.1	.1														.0	6	6	
44/ 43	.1	.1	.1														.0	3	3	
42/ 41																	.0			
40/ 39																	.0			
38/ 37																	.0			
36/ 35																	.0			
34/ 33																	.0			
32/ 31																	.0			
Element (X)	2 X ²	2 X	X	°	No. Obs.	Mean No. of Hours with Temperature												≥ 80 F	≥ 93 F	Total
Rel. Hum.																				
Dry Bulb																				
Wet Bulb																				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH MAY
PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.0	.1		.1		.0				.0		1	1		
92/ 91							.0	.1	.2	.1	.1	.0				.0		6	6		
90/ 89							.0	.1	.3	.3	.1	.0	.0	.0		.0		19	19		
88/ 87							.0	.2	.3	.3	.1	.0	.1	.0		.0		29	29		
86/ 85						.1	.1	.4	.6	.4	.3	.3	.1		.0			74	74		
84/ 83			.0	.1	.1	.4	1.1	1.1	.7	.5	.3	.1	.1		.0			125	125		
82/ 81				.1	.4	.9	1.7	1.3	.7	.8	.4	.2						174	174		
80/ 79				.3	.9	2.0	1.8	1.3	1.0	.6	.5	.1	.1					233	233		3
78/ 77			.1	.6	2.0	2.2	2.1	1.6	1.1	.5	.2	.1						277	277	10	2
76/ 75	.0	.0	.2	1.0	1.9	2.2	1.6	1.3	.7	.5	.2							262	262	23	3
74/ 73		.1	.4	1.1	2.1	1.6	1.4	1.5	.7	.4	.1							259	259	69	14
72/ 71		.1	1.0	1.6	1.9	1.2	.6	1.0	.7	.3	.3	.0						231	231	163	27
70/ 69	.0	.3	1.0	1.5	.9	1.2	1.0	.9	.4	.2								202	202	278	70
68/ 67		.5	1.2	1.0	.6	1.1	.7	.9	.3	.3								176	176	288	141
66/ 65	.0	1.1	.9	.7	.6	.7	.8	.4	.2									141	141	335	218
64/ 63	.0	.9	.7	.6	.4	.6	.6	.4	.3	.0								119	119	322	290
62/ 61	.1	.9	.5	.7	.3	.5	.3	.3	.0									99	99	274	275
60/ 59	.3	.7	.5	.6	.4	.3	.3	.2	.1									90	90	214	236
58/ 57	.1	.4	.4	.3	.1	.4	.1	.1										52	52	176	203
56/ 55	.1	.6	.2	.2	.2	.1	.2											46	46	170	197
54/ 53		.7	.2	.3	.1	.1												37	37	122	166
52/ 51		.2	.1	.1	.1	.0												12	12	95	174
50/ 49		.2	.1	.1	.1	.0												12	12	56	134
48/ 47	.1	.1	.1	.0	.0													9	9	42	100
46/ 45	.0	.1	.0															6	6	33	104
44/ 43																				14	92
42/ 41																				3	67
40/ 39																				1	56
38/ 37																					35
36/ 35																					26
34/ 33																					17
32/ 31																					22
30/ 29																					16
28/ 27																					3
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

YEARS

MONTH

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH MAY
PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	
84/ 83				.0	.0	.1	.0	.1										5	5	
82/ 81			.1	.0	.3	.3	.3	.1										31	31	
80/ 79			.1	.4	.6	1.0	.6	.1	.1	.2	.0							88	88	
78/ 77			.1	.6	1.2	1.0	.7	.4	.2	.1								117	117	
76/ 75	.1	.1	.6	1.8	2.2	1.7	1.0	.5	.2									220	220	
74/ 73	.1	.2	.7	2.7	1.8	2.2	1.1	.6	.2		.0							257	257	
72/ 71		.2	1.4	2.2	2.1	1.5	1.2	.5	.1	.0								245	245	
70/ 69	.1	.7	1.9	2.8	1.7	1.9	.8	.4	.1									277	277	
68/ 67		.9	2.5	2.6	1.3	1.6	1.0	.4	.2									280	280	
66/ 65	.1	1.7	2.2	2.1	1.6	1.0	1.1	.3										268	268	
64/ 63	.0	1.9	1.2	1.3	1.0	1.2	.4	.2	.1									196	196	
62/ 61	.2	1.8	1.3	1.1	1.0	.8	.4	.1	.0									185	185	
60/ 59	.4	1.2	1.1	.8	1.0	.9	.2	.1										151	151	
58/ 57	.1	.8	1.2	.7	1.0	.5	.0		.0									116	116	
56/ 55	.3	.7	.9	.7	.6	.3	.1	.0										95	95	
54/ 53	.1	.6	.3	.5	.4	.2	.0	.0										59	59	
52/ 51		.6	.3	.3	.3	.1												42	42	
50/ 49	.0	.2	.2	.2	.2													16	16	
48/ 47		.3	.2	.1	.0													16	16	
46/ 45		.2	.1	.0	.0													12	12	
44/ 43		.1	.0	.1														5	5	
42/ 41			.0															1	1	
40/ 39																		5	5	
38/ 37																		2	2	
36/ 35																		22	22	
34/ 33																		10	10	
32/ 31																		9	9	
30/ 29																		8	8	
28/ 27																		2	2	
26/ 25																		2	2	
24/ 23																		1	1	
22/ 21																		2682	2682	
TOTAL	1.5	12.2	16.5	21.0	18.0	16.3	9.0	3.8	1.3	.4	.1							2682	2682	
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	13466601		185763		69.3		14.961		2682		2682		2682		2682		2682		2682	
Dry Bulb	12245495		180123		67.2		7.441		2682		2682		2682		2682		2682		2682	
Wet Bulb	9959167		162411		60.6		6.807		2682		2682		2682		2682		2682		2682	
Dew Point	8646015		150553		56.1		8.524		2682		2682		2682		2682		2682		2682	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72
STATION NAME YEARS MONTH
PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.0	.1	.2	.0	.0						12	12		
84/ 83				.0	.0	.2	.5	.2	.3	.0	.0							31	31		
82/ 81			.0	.0	.5	1.1	1.6	.3	.0									96	96		
80/ 79		.2	1.3	2.5	2.5	1.1	.3	.0										204	204	1	
78/ 77		.1	1.3	3.6	3.8	2.6	.7	.4	.0									317	317	2	1
76/ 75		.5	2.7	4.9	3.6	1.4	.6	.2										354	354	22	6
74/ 73	.0	.8	4.1	5.2	1.9	.9	.2	.2										345	345	126	25
72/ 71		1.7	4.0	4.0	1.5	.7	.1	.1										311	311	333	99
70/ 69	.2	2.5	4.2	2.6	1.4	.7	.1	.0										300	301	558	276
68/ 67	.2	1.9	2.7	1.5	1.2	.5	.2											209	209	488	412
66/ 65	.1	1.4	2.2	.9	.7	.2	.0											142	142	314	505
64/ 63	.2	.9	.9	.5	.5	.1												80	80	247	355
62/ 61	.0	.9	.4	.6	.2	.0												57	57	164	264
60/ 59	.2	.3	.6	.5	.2													44	44	120	190
58/ 57		.3	.5	.5	.0													33	33	63	130
56/ 55		.1	.2	.2														13	13	61	88
54/ 53		.2	.1	.0														7	7	31	70
52/ 51		.0																1	1	20	60
50/ 49																				5	37
48/ 47																				1	24
46/ 45																					10
44/ 43																					3
TOTAL	1.0	1.5	24.1	26.6	18.1	10.9	5.3	1.9	.5	.1	.0							2556	2557	2556	2555

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	14574681	190775	74.6	1.461	2556	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	13487883	185129	72.4	5.746	2557			76.7	47.8	8.0		90
Wet Bulb	11393191	170211	66.6	4.780	2556			53.9	5.3			90
Dew Point	10394092	162368	63.5	5.446	2555			28.8	1.1			90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MONTH JUN

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							.0	.1										4	4		
82/ 81						.1	.2	.1										15	15		
80/ 79			.2	.4	.6	.9	.4	.1		.1								66	66		
78/ 77		.1	.7	1.8	2.2	1.4	.4	.1										167	167		
76/ 75		.4	2.9	4.5	3.1	1.0	.2	.1										306	306	9	3
74/ 73		1.6	6.2	4.9	2.0	.7	.5											404	404	52	13
72/ 71	.0	2.7	5.4	4.2	1.0	.7	.2											363	363	238	87
70/ 69	.3	3.0	5.6	3.1	1.2	.4	.0	.0										349	350	501	232
68/ 67	.3	4.0	3.3	1.9	.8	.3	.0	.0										274	274	508	410
66/ 65	.6	3.2	3.2	1.4	.7	.2	.0											239	239	374	471
64/ 63	.2	1.6	2.0	.5	.3	.0												119	120	294	396
62/ 61	.1	1.5	.8	.4	.2	.1												79	79	199	298
60/ 59	.2	.7	.8	.7	.2	.0												70	70	146	172
58/ 57	.0	.8	.9	.4	.0													54	54	75	161
56/ 55		.2	.4	.2														20	20	67	90
54/ 53		.2	.5	.2														23	23	46	80
52/ 51		.0	.0															2	2	21	55
50/ 49																				20	34
48/ 47																				4	24
46/ 45																					18
44/ 43																					7
42/ 41																					3
TOTAL	1.820	.033	.024	.412	.3	5.9	2.0	.4		.1								2554	2556	2554	2554
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature											Total				
Rel. Hum.	16279907	202085	79.2	10.543	2553	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	12640308	179198	70.1	5.488	2556			68.6	33.9	1.7											
Wet Bulb	11041174	167464	65.6	4.875	2554			46.1	2.1												
Dew Point	10249759	161185	63.1	5.501	2554			26.3	.6												

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS PAGE 1 0600-0800 MONTH JUN
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89									.0								1	1		
88/ 87								.1									2	2		
86/ 85							.3	.2	.1								14	14		
84/ 83							.6	.3									38	38		
82/ 81				.3		.9	.8	.1	.0	.0							98	98		
80/ 79			.2	1.2	3.2	2.0	.5	.2	.0								186	186		
78/ 77		.1	1.4	3.2	3.6	1.3	.4	.1									258	258		
76/ 75		.4	2.5	4.8	3.0	.6	.5										303	303	25	
74/ 73	.0	1.1	4.1	4.7	2.4	.7	.2	.0									340	340	164	23
72/ 71	.0	1.7	4.7	3.4	1.2	.7	.1										303	304	374	123
70/ 69	.0	2.7	4.7	2.3	1.2	.3	.1	.0									291	292	475	301
68/ 67	.2	2.6	3.2	1.7	.9	.3	.1	.0									231	231	428	463
66/ 65	.5	2.8	2.1	1.1	.5	.1	.0										180	180	355	455
64/ 63	.2	2.0	1.3	.7	.2	.0	.0										116	117	255	381
62/ 61	.0	1.3	.6	.5	.2	.1											71	71	165	241
60/ 59	.0	.8	.5	.5	.1												51	51	122	177
58/ 57	.0	.4	.7	.4	.1	.0											41	41	73	136
56/ 55	.2	.2	.3	.3													20	20	43	76
54/ 53	.0	.0	.1	.2													8	8	42	62
52/ 51			.0	.1													3	3	19	39
50/ 49																			12	31
48/ 47																			3	25
46/ 45																				11
44/ 43																				6
42/ 41																				4
40/ 39																				1
TOTAL	1.1	16.0	26.5	25.5	17.7	8.3	3.7	1.0	.2	.0							2555	2558	2555	2555

Element (X)	Σ X'		Σ X		X̄		°X		No. Obs.		Mean No. of Hours with Temperature										Total	
											≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Rel. Hum.	15384916		196274		76.8		10.9		2555		2555	2555	2555	2555	2555	2555						
Dry Bulb	13275396		183614		71.8		6.1		2558		2558	2558	2558	2558	2558	2558						
Wet Bulb	11375369		170003		66.5		4.9		2555		2555	2555	2555	2555	2555	2555						
Dew Point	10485017		163079		63.8		5.4		2555		2555	2555	2555	2555	2555	2555						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS MONTH JUN

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97												.0	.1					3	3		
96/ 95												.0	.0			.0		5	5		
94/ 93									.1	.2	.5	.1	.0					22	22		
92/ 91								.2	.7	.7	.3	.3	.2					50	50		
90/ 89							.0	.2	.7	1.0	.2	.0			.0			103	103		
88/ 87							.2	1.5	2.6	1.6	.4	.3	.1	.0				174	174		
86/ 85							.2	3.3	2.8	1.2	.7	.2						251	251		
84/ 83					.1	.1	3.4	4.2	1.6	1.0	.2	.1	.0					298	298		
82/ 81				.9	2.5	3.6	2.3	1.3	.3	.1	.0							283	283		
80/ 79		.0	.1	1.7	3.4	3.7	1.2	.5	.5	.1	.0							291	291	2	
78/ 77		.1	.3	1.9	3.2	1.9	.9	.5	.2	.1	.0							235	235	38	1
76/ 75		.2	.9	2.3	2.0	1.4	.6	.5	.3	.0								208	208	235	9
74/ 73		.1	1.2	2.3	1.1	.8	.4	.3	.1									158	158	471	51
72/ 71		.2	1.0	1.4	.9	.6	.4	.1	.1									121	121	483	209
70/ 69		.5	1.0	1.0	.6	.7	.1	.1	.1									103	103	431	362
68/ 67	.1	.7	1.0	.7	.4	.2	.2	.1	.0	.0								87	87	282	471
66/ 65	.1	.8	.7	.5	.2	.3	.1	.0										69	69	191	464
64/ 63	.1	.5	.3	.0	.3	.1	.0	.1										36	36	153	297
62/ 61	.1	.4	.1	.3	.3	.2												34	34	103	195
60/ 59	.0	.3	.1	.2	.1													16	16	68	141
58/ 57	.0	.2	.1	.1														13	13	37	108
56/ 55		.1																3	3	38	73
54/ 53		.1																2	2	21	51
52/ 51																				9	46
50/ 49																				3	27
48/ 47																				3	27
46/ 45																					15
44/ 43																					8
42/ 41																					5
40/ 39																					2
38/ 37																					1
36/ 35																					1
34/ 33																					1
Element (X)	Z _X ²		Z _X		X̄		e _X		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≥ 0 F		≥ 32 F		≥ 67 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

JUN
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
106/105																.0		1	1				
104/103																.0		2	2				
102/101																.0		4	4				
100/99																.0		13	13				
98/97											.0	.1	.4	.4	.1	.0	.0	30	30				
96/95									.1	.4	1.1	1.0	.6	.2	.1	.0	.0	78	78				
94/93								.3	.8	2.3	3.2	1.9	.4	.2	.1	.1		127	127				
92/91							.0	.9	3.0	3.4	2.4	1.1	.6	.1	.0			236	236				
90/89						.0	.6	1.7	3.6	3.0	1.3	.5	.2	.1	.0			296	296				
88/87						.6	1.6	2.9	3.6	1.9	.9	.2	.3					282	282				
86/85				.1	.2	1.0	1.9	3.0	2.2	1.1	.4	.1	.0	.0				300	300				
84/83				.3	1.3	2.5	2.0	1.4	.7	.8	.4	.1						253	253				
82/81	.0			.1	.6	1.6	1.1	.6	.4	.1								232	232	2			
80/79			.4	.7	1.0	.4	.4	.1	.0									184	184	22	1		
78/77	.0	.0	.5	.7	.4	.5	.2	.1	.1	.0								138	138	130	1		
76/75		.0	.3	.6	.2	.2	.3	.1	.0									100	100	432	23		
74/73		.0	.3	.3	.3	.2	.4	.2	.0	.0								79	79	521	83		
72/71		.0	.3	.3	.3	.2	.4	.2	.0	.0								53	53	485	199		
70/69	.0	.0	.3	.3	.3	.2	.4	.2	.0	.0								43	43	328	366		
68/67	.1	.1	.5	.5	.1	.2	.2	.1	.0									48	48	200	438		
66/65		.1	.1	.1	.0	.1	.1											14	14	134	380		
64/63	.1	.3	.2	.1	.2	.0	.1											25	25	131	341		
62/61		.1	.2	.1	.0													10	10	69	219		
60/59		.2	.0	.1														8	8	37	137		
58/57	.0		.1	.0														2	2	35	100		
56/55			.1															2	2	19	71		
54/53																				11	62		
52/51																				4	40		
50/49																					50		
48/47																					18		
46/45																					10		
44/43																					12		
42/41																					6		
38/37																					1		
Element (X)	Σ X ²	Σ X				X̄	σ _x	No. Obs.				Mean No. of Hours with Temperature					≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-45,47-72	Y'ARS	PAGE 2	1200-1400	JUN
STATION	STATION NAME				HOURS (L. S. T.)	MONTH

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH JUN

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb Dew Point	
106/105																.1	.0	3	3		
104/103																.0	.0	6	6		
102/101																.1	.0	6	6		
100/99												.0	.4	.4	.1	.1		22	22		
98/97											.3	.6	.7	.4	.1			52	52		
96/95								.1	.1	.7	1.0	1.4	.9	.4	.0			117	117		
94/93							.0	.3	1.1	1.8	2.1	1.4	.5	.3				193	193		
92/91						.2	.3	.7	2.2	3.0	2.6	1.1	.5	.1				272	272		
90/89						.0	1.2	2.1	3.1	3.2	1.3	.5	.2	.1				298	298		
88/87					.0	.5	2.5	3.2	3.0	1.6	.5	.1	.1					297	297		
86/85				.0	.0	.2	1.4	2.5	3.8	1.9	.9	.4	.2					291	291		
84/83				.0	.0	.6	1.4	2.5	2.2	1.6	.5	.5	.1	.0				242	242		
82/81				.2	.7	2.0	2.0	1.6	1.1	.7	.4							221	221	7	
80/79			.1	.4	1.3	1.1	1.1	.8	.6	.2	.1							146	146	36	
78/77		.0	.2	.4	.7	.7	.7	.2	.6	.2	.0							96	96	155	
76/75	.0	.0	.2	.4	.5	.6	.4	.2	.2	.1								71	71	397	
74/73		.1	.3	.4	.4	.2	.1	.2	.3									48	48	548	
72/71	.1	.2	.2	.5	.3	.2	.2	.3	.2	.0								59	59	509	
70/69	.0	.1	.2	.2	.4	.3		.0	.0	.0								34	34	318	
68/67		.2	.5	.2	.1		.0											26	26	184	
66/65		.3	.3	.2	.2	.1	.1											26	26	148	
64/63		.2	.2	.1	.0	.0	.0											13	13	99	
62/61		.1	.1	.2	.3	.0												17	17	67	
60/59	.2				.0													5	5	40	
58/57																				28	
56/55																				10	
54/53																				14	
52/51																				1	
50/49																				27	
48/47																				28	
46/45																				18	
44/43																				6	
42/41																				2	
40/39																				3	
Element (X)	ΣX ²			ΣX			X̄			°X			No. Obs.			Mean No. of Hours with Temperature					
Rel. Hum.																≤ 0 F			≥ 67 F		
Dry Bulb																≤ 32 F			≥ 73 F		
Wet Bulb																≤ 80 F			≥ 93 F		
Dew Point																			Total		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

YEARS

JUN
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																	.0	1	1		
100/99																	.0	3	3		
98/97															.0	.0	.0	7	7		
96/95										.0	.2	.5	.3	.0	.0		.0	26	26		
94/93							.0	.0	.2	.4	.6	.5	.2	.0			.0	48	48		
92/91							.1	.3	.7	1.3	.9	.3	.0	.1			.0	95	95		
90/89						.1	.3	1.3	1.9	1.7	.6	.3	.1				.0	162	162		
88/87					.2	.5	1.6	2.6	2.9	1.3	.4	.1	.1				.0	247	247		
86/85				.0	.4	1.6	3.0	3.6	1.6	.7	.1	.0					.0	282	282		
84/83				.3	1.4	3.0	3.9	2.5	.9	.5	.2						.0	321	321		
82/81			.1	.4	2.1	3.2	3.5	1.4	.5	.5							.0	298	298	3	
80/79			.2	1.1	2.8	3.1	2.1	.8	.9	.2	.1						.0	287	287	17	
78/77		.1	.5	1.7	2.8	2.0	1.1	.7	.5								.0	238	238	77	14
76/75		.2	.5	1.3	1.6	1.6	.6	.5	.2	.1							.0	168	168	249	18
74/73		.1	.7	1.0	.7	.4	.6	.1	.2								.0	94	94	466	85
72/71	.1	.2	.6	.7	.4	.4	.4	.3	.1	.0							.0	79	79	576	195
70/69		.3	.5	.4	.4	.4	.2	.2	.0								.0	59	59	426	327
68/67		.3	.8	.4	.2	.1	.1	.0									.0	48	48	265	417
66/65		.4	.8	.3	.2	.2	.1										.0	47	47	149	439
64/63		.1	.0	.1	.1	.0											.0	10	10	134	335
62/61	.1	.2	.2	.2	.2	.0											.0	24	24	85	237
60/59		.1	.1	.1	.1												.0	7	7	44	149
58/57		.2		.0	.0	.0											.0	7	7	34	95
56/55			.1														.0	2	2	17	73
54/53																	.0			13	73
52/51																	.0		4	4	34
50/49																	.0	1	1	28	28
48/47																	.0			19	19
46/45																	.0			11	11
44/43																	.0			6	6
42/41																	.0			1	1
40/39																	.0			4	4
TOTAL	.2	2.0	4.9	8.1	13.4	16.6	17.5	14.3	10.5	6.6	3.1	1.6	.8	.3	.1	.1	.1	2560	2560	2560	2560
Element (X)	Zx ²	Zx	X	X ²	No. Obs.	Mean No. of Hours with Temperature											TOTAL		TOTAL		
Rel. Hum.	9252766	150096	58.6	3.297	2560	≥ 0 F											≥ 80 F		Total		
Dry Bulb	17031184	208036	81.3	6.998	2560	≥ 67 F											≥ 73 F		3.0		
Wet Bulb	12613507	179297	70.0	4.675	2560	≥ 50 F											≥ 60 F		58.3		
Dew Point	10771791	165405	64.6	5.755	2560	≥ 32 F											≥ 40 F		73.1		
						≥ 20 F											≥ 30 F		28.5		
						≥ 10 F											≥ 20 F		4.1		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

JUN

STATION

STATION NAME

YEARS

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89										.1	.0	.0						4	4		
88/ 87										.3	.2							26	26		
86/ 85				.2	.0	.7	1.6	.7	.8	.3	.1		.0					77	77		
84/ 83					.7	1.9	3.8	2.0	1.4	.5								161	161		
82/ 81			.0	.7	1.9	3.8	2.4	1.1	.2									259	259		
80/ 79			.6	1.8	5.0	4.2	1.7	.7	.2	.1								363	363		4
78/ 77			.6	4.3	4.5	3.0	.7	.4	.1									352	352		4
76/ 75		.2	2.1	4.9	4.1	2.0	1.1	.2	.1									375	375		69
74/ 73		.6	2.1	3.2	2.3	1.2	.5											263	263		11
72/ 71	.0	1.3	2.1	2.1	1.4	1.3	.4	.1										221	221		41
70/ 69	.0	.9	1.8	1.4	.9	.8	.3	.1										159	159		139
68/ 67	.0	.6	1.1	.7	.6	.4	.2											95	95		359
66/ 65		.7	.8	.4	.5	.2	.1											69	69		447
64/ 63		.7	.7	.4	.3	.1												59	59		238
62/ 61	.1	.4	.3	.4	.1	.0												33	33		186
60/ 59	.0	.0	.3	.3	.1	.0												21	21		325
58/ 57	.1	.1	.1	.3														15	15		120
56/ 55	.2	.2		.0														6	6		249
54/ 53			.1															2	2		77
52/ 51																					157
50/ 49																					50
48/ 47																					115
46/ 45																					90
44/ 43																					54
TOTAL	.3	5.7	12.9	21.1	22.6	18.9	10.2	5.1	2.1	.7	.4	.0	.0					2560	2560	2560	2560

Element (X)	Zx ²	Zx	X̄	X̄ ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	12507629	176297	68.9	11.972	2560	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	14750852	193730	75.7	5.936	2560			82.8	66.1	25.5		90
Wet Bulb	11924946	174322	68.1	4.618	2560			64.0	11.7	.0		90
Dew Point	10654899	164573	64.3	5.418	2560			35.2	2.0			90

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH JUL
PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
																		D.B./W.B.		Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					
90/ 89								.1	.3	.0	.2	.1	.0					1	1			
88/ 87						.0	.3	.6	.4	.2	.0	.1						7	17			
86/ 85																		44	44			
84/ 83				.1	.1	.5	1.2	1.7	.8	.2	.0	.0						121	121			
82/ 81			.0	.6	1.5	2.9	4.0	1.5	.7	.3	.1							297	297			
80/ 79			.6	2.4	5.6	5.4	2.6	.7	.3	.2								475	475			
78/ 77		.3	2.1	4.2	4.9	2.6	1.3	.2	.2									419	419	6	1	
76/ 75		.6	3.9	4.6	2.5	1.4	.5	.2	.0									362	362	66	11	
74/ 73	.0	1.9	4.3	2.6	1.4	.8	.4	.0										302	302	264	68	
72/ 71	.1	3.7	3.0	1.4	.8	.6	.2											260	260	625	192	
70/ 69	.6	2.2	2.2	.6	.7	.3	.1											177	177	796	489	
68/ 67	.2	1.1	.8	.3	.4	.1	.2											83	83	400	557	
66/ 65	.0	.6	.4	.4	.1	.1	.1											44	44	221	428	
64/ 63		.1	.3	.2	.0	.1	.0											18	18	111	361	
62/ 61		.3	.0	.1	.2													14	14	73	191	
60/ 59	.0	.3		.1														12	12	48	117	
58/ 57		.1																2	2	19	98	
56/ 55																				12	54	
54/ 53																				6	35	
52/ 51																				1	17	
50/ 49																					15	
48/ 47																					10	
46/ 45																					1	
42/ 41																					3	
TOTAL	1.1	1.1	17.6	17.5	18.2	14.7	11.0	5.0	2.6	.6	.3	.2	.0					2648	2648	2648	2648	

Element (X)	Mean No. of Hours with Temperature										No. Obs.	
	≥ 32 F	≥ 30 F	≥ 28 F	≥ 26 F	≥ 24 F	≥ 22 F	≥ 20 F	≥ 18 F	≥ 16 F	≥ 14 F	2647	2648
Rel. Hum.											188363	71.2
Dry Bulb											201630	76.1
Wet Bulb											182908	69.1
Dew Point											173618	65.6
TOTAL											173618	65.6

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH JUL

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.1	.2	.2	.1	.1						15	15		
84/ 83						.1	.2	.4	.0									18	18		
82/ 81						.2	.6	.3	.2									58	58		
80/ 79						1.8	2.7	.6	.0									210	210		
78/ 77		.2	1.3	4.9	5.0	3.4	1.2	.4	.2	.1								441	441		
76/ 75	.1	1.0	4.6	6.6	4.3	1.9	.5	.1	.2									506	506	16	4
74/ 73	.1	2.9	6.0	4.8	2.1	1.1	.3	.0	.0									459	459	132	38
72/ 71	.1	4.6	5.1	2.5	.6	.3	.0											347	347	488	141
70/ 69	1.1	4.1	2.8	1.4	.9	.3												280	280	815	486
68/ 67	.3	2.1	1.6	.9	.6	.1	.1											152	152	558	570
66/ 65	.2	.8	.8	.7	.0	.2	.1											76	76	287	498
64/ 63	.0	.5	.5	.3	.2													39	39	138	345
62/ 61		.3	.3	.1	.0	.0												21	21	94	214
60/ 59		.3	.0	.1		.1												12	12	62	107
58/ 57	.0	.2	.0	.0														8	8	28	113
56/ 55		.1																2	2	16	63
54/ 53		.1																2	2	7	19
52/ 51																				3	18
50/ 49																				2	19
48/ 47																					4
46/ 45																					3
42/ 41																					3
TOTAL	2.0	17.0	23.2	23.1	15.6	10.7	5.2	1.9	.8	.3	.1	.1						2646	2646	2645	2645

Element (X)	Σ X'	Σ X	X	%	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15800394	201722	76.2	12.628	2646							
Dry Bulb	14420437	194979	73.7	4.467	2646			87.4	60.0	6.2		93
Wet Bulb	12320336	180306	68.1	3.573	2646			70.6	5.2			93
Dew Point	11349156	172838	65.3	4.562	2645			43.6	1.5			93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL			TOTAL		
																				D.B./W.B.			Dry Bulb		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point					
94/ 93																		1	1						
92/ 91																		3	3						
90/ 89																		5	5						
88/ 87																		21	21						
86/ 85																		66	66						
84/ 83																		135	135						
82/ 81																		208	208						
80/ 79																		287	287						
78/ 77																		378	378	6					
76/ 75																		449	449	50					
74/ 73																		363	363	321					
72/ 71																		273	273	629					
70/ 69																		217	217	732					
68/ 67																		107	107	398					
66/ 65																		54	54	221					
64/ 63																		29	29	112					
62/ 61																		26	26	78					
60/ 59																		9	9	50					
58/ 57																		6	6	21					
56/ 55																		3	3	13					
54/ 53																		1	1	7					
52/ 51																				2					
50/ 49																				1					
48/ 47																				12					
46/ 45																				2					
44/ 43																				3					
42/ 41																				1					
TOTAL	1.9	12.5	19.8	22.0	18.0	12.6	7.0	3.7	1.6	.5	.2	.1						2641	2641	2640					
Element (X)	Zx ²	Zx	X̄	X̄ ²	No. Obs.	Mean No. of Hours with Temperature															TOTAL				
Rel. Hum.	14824247	194875	73.8	12.979	2641																				
Dry Bulb	15089210	199132	75.4	5.316	2641																				
Wet Bulb	12638574	182436	69.1	3.703	2641																				
Dew Point	11545595	174193	66.0	4.437	2640																				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

JUL

STATION NAME

YEARS

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103														.0	.0	.0	.0	1	1		
102/101														.0	.0	.0	.0	3	3		
100/99												.0	.0	.0	.1	.0	.0	10	10		
98/97												.1	.4	.3	.2			24	24		
96/95										.1	.4	.9	.6					53	53		
94/93								.0	.2	.7	1.2	1.4	.3					101	101		
92/91					.0	.1	.4	2.6	3.8	2.5	1.6	.5	.0					183	183		
90/89					.0	.5	3.0	4.4	2.6	.7	.3	.0						282	282		
88/87					.0	.5	2.3	4.9	.9	.6	.0							307	307		
86/85					.0	.2	1.1	3.9	1.2	.4	.1							338	338		
84/83					.0	.2	1.5	2.9	.4	.3	.2							263	263		
82/81					.0	.2	1.5	2.9	.4	.3	.2							231	231	1	
80/79		.1	.9	2.3	1.7	.9	.4	.3	.1		.0							210	210	9	
78/77		.3	1.7	1.8	1.0	.5	.3	.3	.0									180	180	106	3
76/75	.1	.6	1.2	.6	.5	.3	.4	.1	.0									159	159	462	18
74/73	.1	.9	1.2	.4	.2	.1	.2	.0	.0									96	96	774	105
72/71	.2	.9	.5	.2	.2	.1	.0	.1										81	81	605	330
70/69	.3	.4	.2	.2	.0	.0												56	56	294	616
68/67	.0	.1	.2	.0	.0													29	29	169	507
66/65	.0	.1	.3	.0	.0													9	9	96	390
64/63	.0	.1	.3	.0	.0													12	12	56	232
62/61	.0	.1	.2	.0	.0													7	7	37	144
60/59	.1	.1	.0	.0														6	6	22	129
58/57	.0																	1	1	6	68
56/55																				4	50
54/53																				1	29
52/51																					11
50/49																					3
48/47																					2
46/45																					1
44/43																					2
42/41																					1
TOTAL	.9	3.4	6.4	8.0	10.8	13.2	14.6	14.4	10.4	7.8	4.7	3.1	1.4	.5	.3	.1	.0	2642	2642	2642	2041
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	9858649		156287		59.2		15.242		2642		≥ 73 F						≥ 80 F				
Dry Bulb	18513621		220387		83.4		7.007		2642		91.8						67.5				
Wet Bulb	13687928		189930		71.9		3.593		2642		85.2						.1				
Dew Point	11780809		175975		66.6		4.575		2641		47.6						6.8				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS JUL MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105															.0	.1	.2	6	6		
104/103															.0	.1	.3	20	20		
102/101												.0	.0	.5	.6	.3	.0	41	41		
100/99											.1	.4	.9	1.6	.9	.2		109	109		
98/97							.0	.1	.1	1.3	.5	1.1	2.2	1.6	.6			159	159		
96/95							.3	1.0	3.4	4.0	2.8	3.9	1.8	.3	.0			274	274		
94/93							.1	1.0	3.4	4.5	3.9	1.6	.6	.2				321	321		
92/91						.0	.7	3.4	4.0	2.1	1.0	.5	.2	.1				290	290		
90/89					.0	.2	2.0	3.1	1.8	.3	.7	.2	.1					303	303		
88/87					.1	.3	2.0	3.1	1.8	.3	.5	.2						221	221		
86/85				.0	.2	1.4	2.0	1.8	.9	.8	.3	.0						195	195		
84/83					.8	2.1	1.9	.8	.5	.3	.3							176	176		1
82/81			.0	.3	1.6	1.3	.8	.5	.4	.3								138	138		4
80/79			.1	.6	1.4	.9	.3	.5	.3	.1								112	112		37
78/77			.3	1.0	1.1	.5	.4	.3	.2	.0								98	98		6
76/75			.2	1.0	.6	.2	.1	.2	.0	.0								62	62		21
74/73		.3	.5	.5	.1	.0	.2			.1								42	42		88
72/71	.1	.4	.3	.2	.2													28	28		259
70/69	.2	.2	.2	.1	.1													18	18		469
68/67	.1	.0	.1	.1	.0													10	10		525
66/65		.1	.1	.1														7	7		443
64/63		.2	.0	.0														5	5		228
62/61		.0	.1															3	3		222
60/59	.1																	3	3		151
58/57																					5
56/55																					1
54/53																					45
52/51																					16
50/49																					6
46/45																					1
42/41																					2
TOTAL	.4	1.1	1.9	4.0	6.2	6.9	8.4	12.0	13.3	13.9	10.1	8.1	5.9	4.2	2.3	.8	.5	2641	2641		2641
Element (X)	ΣX ²		ΣX		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.	6969947		129903		49.2		14.827		2641												
Dry Bulb	20944169		234357		88.7		7.482		2641												
Wet Bulb	14107170		192810		73.0		3.416		2641												
Dew Point																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH JUL

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
108/107																	.0	1	1				
106/105															.0	.2	.5	19	19				
104/103															.0	.2	.5	33	33				
102/101															.4	1.1	.8	65	65				
100/99											.2	.2	1.4	2.6	1.4	.4	.1	167	167				
98/97									.0	.4	.6	2.0	3.8	1.8	.4	.0		239	239				
96/95								.1	.3	1.4	3.2	3.9	2.2	.8	.2	.0		323	324				
94/93								.1	1.3	3.5	4.1	1.7	.8	.2				304	304				
92/91						.0	.0	1.2	3.1	4.8	1.3	.3	.4					298	298				
90/89						.0	.6	2.2	2.7	1.6	.8	.4	.1					223	223				
88/87						.3	1.2	2.0	1.7	.8	.3	.3	.0					174	174				
86/85						1.3	2.0	1.7	.6	.9	.6	.1						191	191				
84/83					.0	.4	1.5	.8	.4	.5	.5	.1						153	153		6		
82/81					.2	.9	1.6	.8	.3	.0	.0							116	116				
80/79			.1	.6	.8	.7	.3	.1	.2	.2	.0							94	94		55		
78/77			.3	.8	.9	.4	.3	.2	.1	.2								84	84		203		
76/75		.3	.5	.5	.3	.1	.0	.1										45	45		20		
74/73		.3	.5	.4	.2	.0	.1			.1								40	40		81		
72/71	.0	.3	.5	.1	.1	.0	.1											29	29		248		
70/69		.5	.2	.2	.1	.0												28	28		383		
68/67		.0	.1															3	3		443		
66/65		.1	.1															5	5		82		
64/63																					454		
62/61		.1	.1															4	4		35		
60/59	.0		.0															2	2		5		
58/57																					228		
56/55																					190		
54/53																					3		
52/51																					88		
50/49																					48		
48/47																					21		
46/45																					11		
42/41																					5		
																					2		
																					3		
Element (X)																	Mean No. of Hours with Temperature					Total	
Rel. Hum.																	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919	TINKER AFB OK/OKLAHOMA CITY	43-45,47-72	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45, 47-72 YEARS
JUL MONTH
PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	U.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	.1	2	2		
104/103																	.1	5	5		
102/101												.0					.1	10	10		
100/99													.3	.4	.3	.2	.0	32	32		
98/97										.1	.1	.5	.6	.8	.3			63	63		
96/95								.1	.2	.3	.9	1.8	1.5	.3	.1			133	133		
94/93								.2	.4	1.4	2.0	2.4	.8	.2	.0			198	198		
92/91								.4	1.7	2.8	2.4	1.0	.3	.1				239	239		
90/89						.3	.7	2.6	3.6	2.4	1.3	.4	.1	.0				303	303		
88/87					.0	.7	2.3	3.6	3.0	.8	.6	.1						293	293		
86/85				.1	.3	2.1	3.7	2.9	1.1	.7	.3	.0						297	297		
84/83				.2	.7	3.1	2.4	1.1	1.1	.4	.3	.1						247	247		
82/81		.1	.0	.5	2.2	2.7	.9	.7	.5	.3								205	205	4	
80/79		.1	.1	1.1	1.9	1.3	.8	.7	.6		.1							178	178	37	
78/77		.2	.7	1.6	1.3	.5	.6	.3	.1	.1								135	135	113	10
76/75	.0	.2	.9	1.8	.4	.5	.2	.1	.0	.0								113	113	468	40
74/73		.4	1.1	.8	.2	.3	.1											76	76	757	97
72/71	.0	.3	.4	.5	.1	.0	.1	.1	.0									42	42	576	274
70/69	.2	.5	.4	.3	.1	.1	.0											42	42	311	460
68/67	.0	.2	.2	.1				.0										12	12	188	473
66/65		.3	.1	.0	.0													11	11	90	384
64/63																				58	278
62/61	.0	.0																1	1	20	222
60/59	.0	.1	.1															5	5	12	175
58/57																				7	87
56/55																				2	75
54/53																					25
52/51																					21
50/49																					12
48/47																					5
46/45																					1
44/43																					3
42/41																					1

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-45,47-72	PAGE 2	1800-2000
STATION	STATION NAME	YEARS		HOURS (L. S. T.)
				JUL MONTH

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS PAGE 1 2100-2300 JUL MONTH
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93																		4	4		
92/ 91																		14	14		
90/ 89																		61	61		
88/ 87																		146	146		
86/ 85																		273	273		
84/ 83																		382	382		
82/ 81																		378	378		
80/ 79																		374	374		
78/ 77																		262	262		
76/ 75																		233	233		
74/ 73																		205	205		
72/ 71																		140	140		
70/ 69																		83	83		
68/ 67																		43	43		
66/ 65																		25	25		
64/ 63																		8	8		
62/ 61																		5	5		
60/ 59																		6	6		
58/ 57																					
56/ 55																					
54/ 53																					
52/ 51																					
50/ 49																					
48/ 47																					
44/ 43																					
42/ 41																					
TOTAL	.6	4.5	11.8	14.9	14.5	15.9	14.0	11.0	6.5	4.0	1.8	.4	.1	.0				2642	2642	2642	2642
Element (X)																					
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

AUG

PAGE 1 0000-0200
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH AUG
PAGF 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		Dew Point	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	
88/ 87									.0									1	1	
86/ 85									.1									2	2	
84/ 83								.0	.4	.0								18	18	
82/ 81								.6	.8	.2	.1							76	76	
80/ 79				.0	.6	1.6	2.6	1.8	.8	.3	.2							212	212	
78/ 77		.1	1.3	2.0	4.5	2.5	1.1	.5	.1									324	324	
76/ 75	.2	1.2	3.0	4.6	3.3	1.5	.9	.4	.1									406	406	9
74/ 73	.3	1.7	6.0	4.2	1.8	1.0	.7	.3										432	432	117
72/ 71	.6	3.7	4.8	2.6	1.9	.9	.2	.1										394	394	344
70/ 69	.4	2.1	3.3	2.4	1.5	1.0	.4	.1										353	353	695
68/ 67	.2	1.0	1.3	.8	.7	.1	.1		.0									114	114	348
66/ 65	.3	.4	1.1	.4	.2	.1	.1											69	69	236
64/ 63	.3	.3	.4	.2	.3	.1												35	35	191
62/ 61	.6	.6	.1	.3	.1													32	32	97
60/ 59	.1	.1	.1															6	6	73
58/ 57	.1																	3	3	21
56/ 55																				7
54/ 53																				27
52/ 51																				13
50/ 49																				5
48/ 47																				4
46/ 45																				2
42/ 41																				
40/ 39																				
TOTAL	2.0	15.4	23.6	20.3	16.8	11.1	6.0	3.5	1.0	.3								2689	2689	2689

Mean No. of Hours with Temperature

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	15562476	201350	74.9	13.440	2689	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	14319645	195803	72.9	4.803	2689			84.0	50.9	6.7	93
Wet Bulb	12113839	180139	67.0	4.143	2689			58.6	4.4		93
Dew Point	11062992	171876	63.9	5.352	2689			34.7	1.5		93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH AUG

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Wet Bulb Dew Point
90/ 89									.0	.2	.0	.0	.0					9	9
88/ 87								.3	.1	.1	.1	.0						15	15
86/ 85							.4	.7	.5	.1	.1	.0						53	53
84/ 83				.1	.1	.0	1.2	.9	.5	.1	.1	.0						99	99
82/ 81	.0	.0	.0	.1	1.0	1.6	1.7	.4	.1	.0	.1							138	138
80/ 79		.2	.2	1.3	2.6	2.7	1.5	.6	.1	.1								243	243
78/ 77	.1	.7	3.7	2.7	3.6	1.9	1.0	.4	.0									282	282
76/ 75	.7	3.7	4.7	4.7	3.0	1.4	.9	.1										392	392
74/ 73	.0	1.6	4.6	4.5	2.2	1.3	.5	.1	.0									400	400
72/ 71	.3	4.2	4.6	2.0	2.1	.9	.3	.0	.1									388	388
70/ 69	.5	2.8	2.6	2.4	1.0	.5												263	263
68/ 67	.2	2.0	2.2	1.4	.7	.3	.1	.1										185	185
66/ 65	.2	1.0	1.2	.7	.5	.1		.0										103	103
64/ 63	.1	.5	.7	.3	.3	.0	.0	.0										56	56
62/ 61		.4	.3	.1			.0											20	20
60/ 59		.4	.2	.1	.0													23	23
58/ 57		.3	.1	.1	.1													18	18
56/ 55		.1	.1															4	4
54/ 53																			
52/ 51																			
50/ 49																			
48/ 47																			
46/ 45																			
44/ 43																			
42/ 41																			
40/ 39																			
TOTAL	1.3	14.0	21.6	20.5	17.2	11.5	7.6	3.7	1.5	.6	.3	.1	.0					2691	2691
Element (X)	Σ X ²		Σ X		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature				Temperature		
Rel. Hum.	15096758		198302		198302		73.7		13.482		2692		Σ 80 F				Σ 73 F		
Dry Bulb	14801362		199014		199014		74.0		5.561		2691		Σ 85 F				Σ 56 F		
Wet Bulb	12384751		182209		182209		67.7		4.193		2691		Σ 63 F				Σ 7.6		
Dew Point	11269861		173639		173639		64.5		5.094		2692		Σ 38.5				Σ 1.6		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 YEARS MONTH AUG
PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point	
102/101														.1	.2	.1	.0	4	4		
100/99														.6	.2	.3		15	15		
98/97												.1	.6	.2	.1			26	26		
96/95									.0	.0	.6	1.2	.5	.3	.0			71	71		
94/93									.1	.7	1.5	1.2	.4	.2	.0			113	113		
92/91					.0			.3	.9	2.3	1.5	.3	.1	.1				149	149		
90/89					.1		.3	1.6	2.9	2.2	.7	.4	.0					221	221		
88/87					.1	.3	1.5	3.2	2.0	1.0	.4	.1	.0					230	230		
86/85				.0	.3	1.2	4.0	3.4	1.9	.7	.1	.1	.0					319	319		
84/83			.1	.1	.9	3.2	3.3	1.7	1.1	.6	.1	.0						299	299	1	
82/81			.0	.4	2.1	3.5	2.3	1.3	.7	.1	.1	.0						287	287	2	
80/79			.3	1.3	2.3	1.7	1.4	.9	.3	.2	.0							228	228	8	
78/77	.0	.1	.5	2.2	1.8	1.5	1.0	.8	.2	.0								221	221	9	
76/75	.2	.2	1.4	1.5	1.3	.9	.8	.4	.2	.0								183	183	15	
74/73	.0	.4	1.7	.7	.7	.7	.2	.2		.0								127	127	59	
72/71	.0	.6	1.3	.5	.6	.1	.1	.0		.0								89	89	215	
70/69	.2	.5	.3	.5	.1	.2												49	49	453	
68/67	.1	.4	.2	.2	.0	.1	.0		.0									28	28	522	
66/65		.0	.1	.1	.0	.0												9	9	417	
64/63		.0	.2	.1	.1		.0											11	11	340	
62/61		.2		.1	.1													9	9	222	
60/59		.1	.1															5	5	165	
58/57					.0													1	1	111	
56/55																				7	68
54/53																				5	36
52/51																				1	36
50/49																					10
48/47																					6
46/45																					2
44/43																					3
42/41																					1
40/39																					2
38/37																					
TOTAL	.4	2.6	6.3	7.6	10.4	13.5	14.9	13.8	10.5	7.9	5.1	3.5	1.8	.9	.6	.0	.0	2694	2694	2694	

Element (X)	Z X ²	Z X	X	%	No. Obs.	Mean No. of Hours with Temperature						≥ 80 F	≥ 93 F	Total
Rel. Hum.	9547379	155125	57.6	15.112	2694									
Dry Bulb	18632793	223235	82.9	7.072	2694									
Wet Bulb	13599767	191127	70.9	3.863	2694									
Dew Point	11555319	175907	55.3	5.074	2694									

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION NAME

YEARS

AUG

MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
106/105																.1	.2	9	9			
104/103															.0	.3	.4	27	27			
102/101												.2	.1	.1	.6	.7	.3	72	72			
100/99											.4	1.4	2.8	1.4	.5	.5		139	139			
98/97									.0	.1	.6	1.8	2.7	1.4	.6			177	177			
96/95									.1	.6	1.8	2.7	1.4	.6				194	194			
94/93									.1	1.0	2.3	1.9	.7	.1	.0			257	257			
92/91					.0	.1	.0	.1	.9	2.4	3.2	2.3	1.1	.5	.1	.0		285	285			
90/89				.0	.1	.3	.1	.6	1.9	2.5	2.0	.6	.4	.1	.0			313	313			
88/87				.0	.1	.3	.1	.6	1.9	2.5	2.0	.6	.4	.1	.0			279	279			
86/85				.0	.1	.6	1.9	2.2	1.9	1.1	.6	.1	.0	.0				231	231	1	1	
84/83				.0	.4	1.3	1.3	1.1	1.1	.6	.5	.1	.0					173	173	4	4	
82/81				.2	1.2	1.6	.7	.7	.4	.7	.3	.0						160	160	3	3	
80/79			.0	.8	1.5	.6	.7	.4	.2	.2	.1							123	123	25	2	
78/77			.1	.9	.6	.3	.2	.2	.2	.1		.0						75	75	161	7	
76/75	.0	.2	.5	.6	.2	.3	.1	.1	.0	.0	.1							59	59	502	14	
74/73	.0	.1	.1	.3	.3	.4		.0	.1									40	40	774	56	
72/71	.0	.4	.4	.1	.0	.1												31	31	490	217	
70/69	.1	.2	.1	.1	.1		.1											19	19	330	356	
68/67	.0	.0	.2	.0	.1													11	11	155	360	
66/65		.0	.0	.1	.0	.0												6	6	119	403	
64/63																				67	376	
62/61		.0		.0	.1													4	4	26	291	
60/59		.0	.0															2	2	18	193	
58/57																				4	129	
56/55																				6	108	
54/53																				1	74	
52/51																					43	
50/49																					29	
48/47																					15	
46/45																					3	
44/43																					1	
42/41																					3	
40/39																					1	
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						≥ 80 F		≥ 93 F		Total	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-45, 47-72

STATION NAME

YEARS

AUG

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																	.1	3	3		
106/105																.2	.7	24	24		
104/103												.0		.1	.4	.9	1.0	65	65		
102/101											.1	.3	1.5	3.0	2.6	.7	.3	110	110		
100/99										.1	.5	1.2	2.5	1.4	1.5	.6		187	187		
98/97										.1	.5	1.2	2.5	1.4	.7	.1		170	170		
96/95								.1	.2	1.0	2.0	3.4	2.3	.8	.1			265	266		
94/93							.1	.0	.8	2.0	2.5	2.5	1.0	.7	.0			260	260		
92/91							.2	1.1	2.1	2.4	2.0	1.9	1.0	.3	.0			298	298		
90/89					.0	.1	.6	1.9	3.4	2.4	1.7	1.2	.6	.2				322	322		
88/87					.0	.3	1.0	1.8	1.9	1.7	1.3	.8	.3	.1	.1			248	248		
86/85					.2	.6	1.4	1.5	1.2	1.0	1.0	.3	.1	.0				197	197		
84/83					.3	1.0	1.1	.8	.6	.7	.6	.2	.1					145	145	5	
82/81					.7	1.1	.6	.5	.4	.1	.1	.0						104	104	5	
80/79				.3	.6	.5	.2	.4	.2	.2	.1	.1	.0					69	69	28	7
78/77		.0	.1	.7	.3	.4	.3	.2	.1	.1	.1	.0						66	66	195	
76/75		.2	.8	.4	.2	.3	.4	.1		.1	.0							66	66	445	17
74/73		.0	.2	.1	.2	.2	.0											22	22	758	66
72/71		.1	.4	.3	.1	.1												24	24	485	165
70/69		.3	.3	.1	.1	.0	.0											24	25	309	260
68/67			.0	.1	.1													8	8	214	362
66/65			.1															3	3	126	340
64/63																				62	350
62/61				.0														1	1	32	315
60/59	.0	.1	.1															5	5	9	259
58/57																				8	187
56/55																				3	134
54/53																				2	92
52/51																					54
50/49																					34
48/47																					17
46/45																					9
44/43																					6
42/41																					6
Element (X)	ΣX ²	ΣX	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature			
Rel. Hum.																		≥ 80 F	≥ 93 F	Total	
Dry Bulb																					
Wet Bulb																					
Dew Point																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION
13919

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

YEARS

43-45,47-72

AUG
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-45, 47-72	YEARS
STATION	STATION NAME		

AUG
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

STATION NAME

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-45,47-72 AUG
STATION NAME YEARS MONTH
PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																		1	1		
96/ 95																		1	1		
94/ 93																		5	5		
92/ 91											.0	.1	.2	.1	.1			19	19		
90/ 89											.8	.7	.1	.1				64	64		
88/ 87											1.1	.7	.2					135	135		
86/ 85											1.0	.5	.3	.1				214	214		
84/ 83											.6	.2	.1					287	287		
82/ 81											.4	.1						359	359		
80/ 79											.1							357	357		
78/ 77											.2							339	339	24	7
76/ 75											.1							308	308	124	15
74/ 73											.1							238	238	327	71
72/ 71											.0							162	162	646	181
70/ 69											.0							101	101	616	389
68/ 67											.1							57	57	337	437
66/ 65											.1							27	27	277	392
64/ 63											.0							10	10	165	303
62/ 61											.0							3	3	87	259
60/ 59											.0							1	1	43	205
58/ 57											.0							6	6	29	167
56/ 55											.1									13	102
54/ 53																				3	61
52/ 51																				2	37
50/ 49																				1	33
48/ 47																					17
46/ 45																					10
44/ 43																					2
42/ 41																					3
40/ 39																					3
TOTAL	.4	4.4	10.2	14.0	15.1	14.2	12.7	11.8	8.8	4.5	2.4	.9	.4	.1	.0	.0		2694	2694	2694	2694
Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature														TOTAL	
Rel. Hum.	11281646	169410	62.9	15.276	2694	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	16824709	212351	78.8	5.665	2694	91.4	80.3	43.9	.2												93
Wet Bulb	12921070	186262	69.1	3.996	2694	71.6	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	93
Dew Point	11281646	169410	62.9	15.276	2694																

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

SEP

MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87											.0							1	1		
86/ 85											.2							10	10		
84/ 83									.1									24	24		
82/ 81									.3									49	49		
80/ 79				.4	.7	.6	.6	.6	.3	.1								88	88		
78/ 77			.3	1.7	1.9	1.0	.4	.4	.5	.1	.1							173	173		
76/ 75		.1	1.3	2.9	2.0	1.3	.5	.9	.3	.2	.0							255	255		
74/ 73		.3	2.7	2.6	1.7	.9	.9	.4	.1	.3								267	267	45	2
72/ 71		1.0	2.4	1.8	1.5	1.1	.7	.3	.2	.0		.0						246	246	166	46
70/ 69	.0	2.2	2.3	1.9	1.2	1.3	1.0	.7	.2	.0								288	288	299	123
68/ 67	.3	2.1	2.4	1.9	1.2	.8	.8	.5	.2	.1								282	282	323	257
66/ 65	.1	1.6	2.0	1.7	1.4	.8	.9	.3	.1									244	244	267	271
64/ 63	.2	1.3	1.4	1.9	1.3	.7	.7	.2	.1									211	211	271	258
62/ 61	.1	1.1	1.8	2.0	.8	.7	.2											181	181	254	226
60/ 59	.1	.8	1.9	1.2	.5	.4	.2		.0									137	137	230	198
58/ 57	.0	1.4	.9	.7	.6	.3												103	103	223	213
56/ 55	.1	.4	.3	.5	.1	.1												45	45	258	193
54/ 53	.1	.4	.2	.0	.3	.1												29	29	113	217
52/ 51	.0	.3	.3	.2	.1													25	25	109	178
50/ 49	.1	.1	.3	.1														18	18	61	120
48/ 47	.1	.0																3	3	26	78
46/ 45	.0	.2	.0															7	7	25	89
44/ 43		.1																4	4	13	84
42/ 41		.0																1	1	2	54
40/ 39																				1	34
38/ 37																					32
36/ 35																					6
34/ 33																					5
32/ 31																					3
28/ 27																					3
26/ 25																					1
TOTAL	1.4	13.7	20.5	21.6	15.4	10.5	7.8	5.1	2.5	1.3	.3	.0						2691	2691		2691

Element (X)	Σ X ²	Σ X	X̄	S ²	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	14064503	189815	70.5	15.847	2691							
Dry Bulb	12772117	184383	68.5	7.175	2691			56.3	29.0	4.1		90
Wet Bulb	10465588	166888	62.0	6.558	2691			27.9	1.5			90
Dew Point	9187080	155622	57.8	8.346	2691		.2	14.3	.1			90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH SEP

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83								.0										1	1		
82/ 81					.0	.3	.1	.1	.0									16	16		
80/ 79					.3	.5	.3	.1	.1									34	34		
78/ 77			.2	.7	.9	.6	.4	.2	.0									83	83		
76/ 75		.1	1.3	2.0	1.1	.6	.4	.4	.0									159	159		
74/ 73		.6	2.9	2.8	1.0	.7	.6	.4	.1	.1								245	245	17	3
72/ 71	.0	1.0	3.7	2.6	1.3	.6	.7	.1	.1									273	273	104	33
70/ 69	.1	2.4	2.7	2.0	.9	1.2	.6	.3	.1									283	283	270	100
68/ 67	.3	3.6	2.5	1.6	1.2	.7	.4	.4	.1									290	290	289	256
66/ 65	.4	2.0	2.6	2.4	.7	.6	.4	.1	.1									253	253	314	287
64/ 63	.4	1.9	2.7	2.0	.7	1.0	.7	.2										262	262	241	243
62/ 61	.1	1.3	1.8	2.0	1.2	.6	.2	.1										195	195	236	226
60/ 59	.1	2.1	2.0	1.1	.8	.8	.0	.1										187	187	247	185
58/ 57	.1	2.2	1.8	.7	.6	.3	.1	.0										154	154	242	207
56/ 55	.1	1.7	1.0	.8	.4	.2												113	113	226	230
54/ 53	.1	.7	.5	.6	.3	.1												65	65	205	237
52/ 51	.1	.3	.2	.3														23	23	106	163
50/ 49		.6	.4	.2														31	31	86	121
48/ 47	.0	.1	.3	.1														12	12	51	94
46/ 45	.1	.1	.1															8	8	40	85
44/ 43	.0	.1																4	4	13	86
42/ 41	.1																	4	4	5	50
40/ 39																				3	44
38/ 37																					22
36/ 35																					11
34/ 33																					6
32/ 31																					2
30/ 29																					1
28/ 27																					2
TOTAL	2.220	.726	.726	1.911	.4	8.8	4.9	2.6	.8	.1								2695	2695	2695	2694
Element (X)	Z ²	Z ²	Z ²	Z ²	Z ²	Z ²	Z ²	Z ²	Z ²	No. Obs.	Mean No. of Hours with Temperature										Total
Rel. Hum.	15877620	203088	75.4	14.520	2694											≥ 80 F		≥ 93 F		Total	
Dry Bulb	11919727	178223	66.1	7.044	2695											18.0		1.1		90	
Wet Bulb	10146264	164358	61.0	6.748	2695											22.7		.6		90	
Dew Point	9122915	155191	57.6	8.242	2694											13.1		.1		90	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH SEP
PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.1	.1		.0							6	6		
84/ 83								.1	.2	.1	.0							8	8		
82/ 81					.1	.2	.2	.2	.2	.1								25	25		
80/ 79				.2	.6	.6	.4	.2	.1	.0								57	57		
78/ 77		.2	1.2	1.2	1.3	.5	.6	.2	.1	.1	.0							112	112		
76/ 75		.6	1.5	1.6	1.3	.9	.3	.5	.0	.1								174	174		
74/ 73	.0	.6	2.9	1.8	.8	.7	.3	.4	.2		.0							217	217	33	3
72/ 71	.0	1.8	3.8	2.2	1.2	.6	.4	.4	.1									286	286	146	42
70/ 69	.2	2.4	2.7	1.8	1.3	.8	.4	.1	.2	.0								267	267	281	144
68/ 67	.4	2.5	2.4	1.8	1.1	1.1	.3	.2	.2									268	268	274	282
66/ 65	.3	1.9	2.5	1.7	.9	.6	.5	.2	.1									232	232	291	247
64/ 63	.5	2.2	2.4	1.8	.8	1.1	.3	.1										248	248	236	215
62/ 61	.2	1.7	2.0	1.4	1.3	.6	.4											208	208	268	240
60/ 59	.3	1.5	1.9	1.5	.7	.7	.1	.0										179	179	226	217
58/ 57	.2	1.6	1.3	1.1	.3	.1	.1											128	128	221	189
56/ 55	.1	1.6	1.3	.7	.6	.0												117	117	215	208
54/ 53	.1	.8	.8	.4	.1	.1												63	63	191	201
52/ 51	.1	.4	.5	.4	.1													38	38	118	175
50/ 49	.1	.4	.3	.0														23	23	84	127
48/ 47	.1	.2	.5	.0														24	24	49	107
46/ 45	.1	.1	.1															9	9	41	92
44/ 43		.0	.0															2	2	12	75
42/ 41		.0																1	1	5	62
40/ 39	.1	.0																3	3	4	32
38/ 37																					23
36/ 35																					24
34/ 33																					9
32/ 31																					41
TOTAL	2.92	20.02	27.31	19.61	12.3	8.8	4.7	2.6	1.4	.3	.1							2695	2695	2695	2695

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	15901725	203091	75.4	14.888	2695	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	12059548	179154	66.5	7.463	2695			47.4	20.0	2.2	
Wet Bulb	10238892	165066	61.2	6.914	2695			26.5	1.1		
Dew Point	9213900	119444	45.3	4.944	2695						

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919	TINKER AFB OK/OKLAHOMA CITY	43-72	PAGE 2	0900-1100
STATION	STATION NAME	YEARS	MONTH	HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
104/103																.0	.1	.2	10	10		
102/101																.0	.1	.3	14	14		
100/99												.1	.1	.1	.3	.0	.1	.1	19	19		
98/97											.0	.2	.3	.4	.1	.0	.1	.34	34			
96/95										.1	.3	.6	.7	.4	.6	.1	.1	.77	77			
94/93									.1	.3	.8	.8	.9	.7	.3	.1	.0	111	111			
92/91					.1			.0	.9	1.6	1.5	.8	.8	.6	.4	.0	.1	182	182			
90/89					.0			.7	1.7	2.0	.8	.7	.4	.4	.3	.1		203	203			
88/87					.1	.4	.6	1.4	2.0	1.1	.9	.8	.4	.4	.1			213	213			
86/85			.0					2.3	1.0	1.0	.7	.4	.3	.3				209	209			
84/83				.1	.3	1.0	1.4	.9	.9	1.1	.6	.5	.6	.1				212	212	3		
82/81				.1	.3	.8	1.2	.9	1.1	.7	.6	.5	.3	.1				177	177	1	2	
80/79			.0	.3	.7	1.0	1.3	1.4	.9	.9	.8	.4	.1	.1				226	226		1	
78/77			.1	.4	1.1	1.3	1.2	1.0	.6	.6	.6	.2		.0				213	213	27	1	
76/75	.0	.3	.6	.7	.7	.3	1.0	1.4	.9	.9	.4	.1						182	182	138	5	
74/73	.0	.4	.8	.5	.5	.3	.7	.9	.7	.7	.1	.0						139	139	320	14	
72/71		.3	.6	.6	.4	.9	.6	.4	.6	.3	.1							126	126	363	47	
70/69		.3	.4	.8	.4	.5	.3	.2	.1	.3								90	90	308	162	
68/67	.0	.3	.4	.4	.3	.1	.2	.2	.2									57	57	307	235	
66/65	.0	.3	.6	.1	.1	.1	.1	.2	.0	.0								48	48	253	292	
64/63	.0	.1	.4	.3	.4	.1	.2		.0									44	44	256	254	
62/61	.1	.4	.1	.2	.1	.2	.0											34	34	230	203	
60/59	.1	.2	.1	.1	.1	.1	.0											23	23	176	214	
58/57	.1	.1	.1	.0	.1	.0	.1											14	14	104	174	
56/55	.1	.2	.1	.1	.1													18	18	100	197	
54/53			.1	.1	.1													6	6	38	196	
52/51	.1	.0	.0	.0	.0													6	6	32	125	
50/49	.0	.0	.0															3	3	22	130	
48/47	.2																	6	6	15	87	
46/45																				3	97	
44/43																					74	
42/41																					77	
40/39																					42	
38/37																					25	
Element (X)	Σ X ²		Σ X		X		° X		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.											≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F											
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

43-72

TINKER AFB OK/OKLAHOMA CITY

STATION 616ET

9477-54321

YEARS\$

DES

MONTH

PAGE 2

1200-1400

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-72	SEP
STATION	STATION NAME	YEARS	MONTH
		PAGE 2	1500-1700
			HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS PAGE 1 1800-2000 MONTH SEP
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
																			D.B./W.B.		Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31						
102/101																	.0	2	2				
100/99																	.0	4	4				
98/97												.1	.1	.1	.1	.1	.0	10	10				
96/95											.1	.2	.4	.3	.0	.0	.0	30	30				
94/93										.1	.3	.4	.5	.2	.1	.1	.0	57	57				
92/91										.0	.4	.7	.6	.4	.0	.1	.0	89	89				
90/89								.1	.6	.1	.9	.6	.5	.2	.0		111	111					
88/87								.7	1.0	.7	.6	.6	.3	.1	.0		171	171					
86/85					.0	.1	.7	1.6	1.4	.6	.9	.4	.4	.1			205	205					
84/83					.2	.9	1.9	1.3	1.0	.6	.9	.2	.2	.1			203	203					
82/81				.1	.6	1.5	2.0	1.0	.7	.6	.4	.3	.0				249	249					
80/79			.0	.5	1.6	1.9	1.7	1.0	1.2	.6	.5	.2	.0				233	233	3				
78/77			.1	1.1	1.2	1.1	1.3	1.0	1.1	.7	.4	.4	.0				236	236	40	1			
76/75			.5	1.3	1.4	1.2	1.2	1.3	.7	.6	.4	.1	.0				216	216	159	10			
74/73		.2	.6	1.3	1.0	.9	1.6	1.1	.6	.5	.2	.0					196	196	337	39			
72/71		.6	.7	.9	.9	1.2	1.3	.8	.5	.3	.1						191	191	349	130			
70/69		.6	1.3	.7	.9	1.5	.7	.6	.4	.2	.1						124	124	327	254			
68/67	.3	.6	.5	.6	1.0	.7	.3	.3	.4								109	110	257	267			
66/65	.1	.8	.5	.7	.6	.5	.3	.5	.0								75	75	265	261			
64/63		.3	.8	.4	.4	.3	.3	.1									57	57	249	209			
62/61	.1	.4	.4	.3	.2	.4	.3										24	24	249	186			
60/59		.1	.3	.1	.1	.1	.1										32	32	161	202			
58/57	.1	.6	.2	.1	.1	.1											22	22	118	236			
56/55	.1	.1	.1	.1	.3	.1											9	9	62	198			
54/53		.1	.1	.1	.1	.0											10	10	51	141			
52/51	.0	.2	.0	.1																31	128		
50/49																		5	5	16	88		
48/47	.1	.1	.0															2	2	9	82		
46/45	.0	.0																		1	68		
44/43																					58		
42/41																					53		
40/39																					39		
38/37																					18		
36/35																							
Element (X)	2x ²	2x		x		x		x		x		x		x		x		x		x			
Rel. Hum.		Mean No. of Hours with Temperature																≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

SEP
MONTH

1800-2000
HOURS (E.S.T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION

TINKER AFB OK/OKLAHOMA CITY

43-72

YEARS

51-P MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
94/ 93														.0				1	1				
92/ 91													.0					2	2				
90/ 89										.1	.1	.0						7	7				
88/ 87								.1	.1	.2	.1	.1	.0					17	17				
86/ 85						.1	.1	.4	.2	.5	.1	.2						44	44				
84/ 83					.0	.3	.4	.8	.6	.6	.3	.1	.0					85	85				
82/ 81				.0	.5	.9	.8	.6	.3	.6	.3	.0	.1					113	113				
80/ 79				.6	2.0	1.9	1.1	.6	.6	.6	.3	.1						211	211				
78/ 77			.3	1.7	2.3	2.2	1.0	.4	.4	.5	.2	.0						244	244				
76/ 75		.1	.8	2.2	1.7	1.3	1.1	.7	.3	.4	.1							237	237	6			
74/ 73		.3	2.7	1.8	1.3	1.3	1.1	.7	.3	.3	.2							256	256	82	3		
72/ 71		.9	1.5	1.6	2.0	1.1	1.1	.7	.6	.2								265	265	219	48		
70/ 69	.0	1.4	1.6	1.3	1.5	1.6	.8	.7	.5	.3								264	264	342	155		
68/ 67	.2	1.5	1.4	1.1	1.9	1.0	1.0	.6	.3									244	244	293	237		
66/ 65	.1	1.2	1.3	1.6	1.4	1.0	.7	.3	.1	.1								209	209	274	262		
64/ 63	.2	.4	.9	1.3	1.2	.5	.3	.4		.0								143	143	284	243		
62/ 61	.1	1.1	1.3	1.0	.6	.2	.3	.1										131	131	230	229		
60/ 59		.7	.7	.4	.6	.4	.1											79	79	287	181		
58/ 57		.7	.3	.2	.4	.2	.1											50	50	227	214		
56/ 55	.2	.4	.2	.1	.2	.1												33	33	172	228		
54/ 53		.1	.2	.3	.3	.0												25	25	98	217		
52/ 51	.0	.2	.3	.1														17	17	70	165		
50/ 49	.1	.0	.1	.1														8	8	52	94		
48/ 47		.0	.1															3	3	32	103		
46/ 45	.1	.1	.1															8	8	16	84		
44/ 43																				6	65		
42/ 41																					59		
40/ 39																					46		
38/ 37																					31		
36/ 35																					24		
34/ 33																					4		
32/ 31																					1		
28/ 27																					3		
Element (X)	Σ X ²			Σ X			X̄			e _x			No. Obs.			Mean No. of Hours with Temperature						Total	
Rel. Hum.																≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

Mean No. of Hours with Temperature

≥ 80 F

≥ 93 F

Total

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TI:IKER AFB OK/OKLAHOMA CITY 43-70,72 YEARS MONTH OCT
PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
78/ 77						.1					.0							3	3			
76/ 75			.2	.3	.2	.1		.1			.0							26	26			
74/ 73	.0	.2	.3	.3	.4	.3	.1	.2	.0	.1	.0							54	54	3	2	
72/ 71	.1	.2	.8	.5	.7	.3	.4	.0	.3	.1								89	89	11	5	
70/ 69		1.0	1.6	1.3	1.3	.7	.5	.4	.2		.0							189	189	36	9	
68/ 67	.3	.7	1.3	.9	1.2	.7	.3	.3	.1									155	155	77	65	
66/ 65	.1	1.3	1.4	1.5	1.1	.8	.6	.5	.2									204	204	102	58	
64/ 63	.2	1.1	1.0	1.3	1.2	1.3	.8	.1	.1									196	196	140	101	
62/ 61	.3	1.7	1.4	1.9	1.6	.7	.4	.1	.1									222	222	157	108	
60/ 59	.7	2.0	1.1	.8	1.5	1.0	.4	.3	.1	.0								212	212	212	119	
58/ 57	.2	1.7	1.2	1.7	1.2	.6	.8	.2										211	211	197	159	
56/ 55	.3	1.4	1.7	1.7	1.5	.5	.6	.1										212	212	223	179	
54/ 53	.3	.9	1.7	2.4	1.4	.7	.3	.1										212	212	207	169	
52/ 51	.1	1.5	1.6	1.2	.9	.6	.2											166	166	218	138	
50/ 49	.1	1.3	1.7	1.3	1.0	.5	.2											162	162	228	162	
48/ 47	.1	.8	.6	1.4	.6	.4	.2											109	109	203	182	
46/ 45	.1	.7	.9	.9	.4	.1	.0											85	85	186	203	
44/ 43	.0	.3	.8	.9	.5	.1	.0											76	76	128	186	
42/ 41	.1	.3	1.1	.2	.2	.1												52	52	119	136	
40/ 39	.1	.3	.6	.1	.1													30	31	98	139	
38/ 37	.0	.1	.4		.0													17	17	73	104	
36/ 35		.1																3	3	46	101	
34/ 33		.0																1	1	16	97	
32/ 31		.1	.0															3	3	7	97	
30/ 29		.1	.0															4	4	2	66	
28/ 27		.0																1	1	6	29	
26/ 25																					20	
24/ 23																					19	
22/ 21																					13	
20/ 19																					9	
18/ 17																					8	
16/ 15																					4	
14/ 13																					5	
12/ 11																					1	
Element (X)	Σ X ²			Σ X			X̄			No. Obs.			Mean No. of Hours with Temperature					Total				
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																						
Wet Bulb																						
Dew Point																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

43-70,72

STATION NAME

YEARS

130
MONTH

PAGE 2

0000-0200
HOURS (L. S. T.)

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43-70,72

OCT

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

STATION

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		Wet Bulb Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	
75/ 75		.1	.3	.3	.0	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	3	3
74/ 73		.3	.3	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	36	3
72/ 71		.3	.4	.5	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	45	10
70/ 69	.1	1.6	1.4	.7	.3	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	120	27
68/ 67	.2	.9	1.2	1.2	.5	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	121	72
66/ 65		1.4	2.2	1.5	.6	.5	.3	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	189	100
64/ 63	.2	1.9	1.1	1.3	1.3	.5	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	187	97
62/ 61	.4	1.6	1.3	1.7	1.0	.9	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	197	171
60/ 59	.6	2.1	1.3	1.6	1.3	.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	207	148
58/ 57	.6	2.9	1.0	1.7	1.3	.4	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	221	189
56/ 55	.4	1.9	1.5	1.3	1.0	.6	.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	197	213
54/ 53	.4	1.7	2.4	1.4	1.0	.6	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	209	195
52/ 51	.3	2.5	2.0	1.7	1.1	.6	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	229	225
50/ 49	.2	1.5	2.2	1.8	1.0	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	194	194
48/ 47	.2	1.8	1.6	1.2	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	163	163
46/ 45		1.1	.9	.9	.4	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	101	101
44/ 43	.1	.7	1.0	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	79	79
42/ 41	.2	.6	1.4	.4	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	86	86
40/ 39	.1	.7	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	53	53
38/ 37		.4	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	32	32
36/ 35		.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	13	13
34/ 33		.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	5	5
32/ 31		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	3	3
30/ 29		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2
28/ 27		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	4	4
26/ 25																			
24/ 23																			
22/ 21																			
20/ 19																			
18/ 17																			
16/ 15																			
14/ 13																			
12/ 11																			
10/ 9																			

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.						$\leq 0\text{ F}$	$\leq 32\text{ F}$	$\geq 67\text{ F}$	$\geq 73\text{ F}$	$\geq 80\text{ F}$	$\geq 93\text{ F}$		
Dry Bulb													
Wet Bulb													
Dew Point													

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-70,72	PAGE 2	0300-0500	0CT
STATION	STATION NAME	YEARS		HOURS (L. S. T.)	MONTH

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-70.72 YEARS MONTH OCT
PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.0	.0													1	1		
78/ 77				.0	.0													2	2		
75/ 75		.1	.1	.2	.0	.1		.0										13	13		
74/ 73		.2	.4	.2	.1	.1	.1	.1	.0	.1								32	32	4	2
72/ 71		.4	.7	.3	.2	.1	.1	.0	.1	.0								50	50	10	5
70/ 69		1.2	.9	.9	.3	.3	.0		.0									98	98	36	21
68/ 67	.2	1.0	1.4	.9	.6	.3	.2	.1	.0									127	127	74	49
66/ 65	.1	1.1	2.3	1.2	.6	.5	.2	.1	.0									167	167	77	66
64/ 63	.2	2.0	1.4	1.4	1.2	.6	.3	.1	.1									200	200	104	71
62/ 61	.2	1.9	1.3	.9	.9	.7	.4	.1	.0									170	170	163	112
60/ 59	.4	2.1	1.7	1.6	1.3	.7	.2	.1										221	221	154	141
58/ 57	.4	2.4	1.5	1.3	1.0	.7	.4	.1										209	209	188	131
56/ 55	.6	2.4	1.5	1.6	.9	.7	.5	.1										220	220	198	179
54/ 53	.8	1.9	2.0	1.4	.6	.7	.3	.0										209	209	222	160
52/ 51	.3	1.9	1.8	1.6	.8	.6	.0	.0										191	191	204	159
50/ 49	.3	1.9	1.8	1.8	1.0	.2	.1											188	188	221	166
48/ 47	.1	1.6	2.3	1.7	.8	.2		.0										182	182	.89	158
46/ 45	.1	1.1	1.3	1.4	.4	.1	.1											124	124	204	183
44/ 43	.2	.6	.7	.6	.4	.1												71	71	179	159
42/ 41	.2	.7	1.4	.4	.3	.1												81	81	135	161
40/ 39	.2	.7	1.2	.3	.1													68	68	102	141
38/ 37		.4	.2	.3	.2													30	30	95	134
36/ 35	.0	.3	.5	.0														22	22	63	114
34/ 33		.1	.1															5	5	25	95
32/ 31		.1																4	4	29	79
30/ 29		.1																2	2	9	70
28/ 27		.1																2	2	2	44
26/ 25		.1																2	2	4	33
24/ 23																					15
22/ 21																					14
20/ 19																					10
18/ 17																					3
16/ 15																					5
14/ 13																					8
Element (X)	Σ X ²		Σ X		Σ X		X	σ _x	No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

STATION	TINKER AFB OK/OKLAHOMA CITY	43-70,72	YEARS	PAGE 2	MONTH	0600-0800
STATION	03919	0CT				
						HOURS (1 5 7)

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-70,72 YEARS MONTH OCT
PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pt.	
92/ 91																		1	1			
90/ 89																	0	4	4			
88/ 87																		8	8			
86/ 85																		11	11			
84/ 83																		28	28			
82/ 81																		38	38			
80/ 79																		84	84			
78/ 77																		121	121	1		
76/ 75																		127	127	1	1	
74/ 73																		159	159	16		
72/ 71																		185	185	51	10	
70/ 69																		203	203	76	37	
68/ 67																		187	187	110	58	
66/ 65																		223	223	176	79	
64/ 63																		171	171	214	95	
62/ 61																		176	176	206	138	
60/ 59																		207	207	207	153	
58/ 57																		160	160	198	186	
56/ 55																		160	160	244	156	
54/ 53																		113	113	227	139	
52/ 51																		98	98	196	159	
50/ 49																		74	74	170	155	
48/ 47																		57	57	157	155	
46/ 45																		32	32	149	166	
44/ 43																		29	29	108	178	
42/ 41																		13	13	81	132	
40/ 39																		16	16	49	126	
38/ 37																		3	3	30	106	
36/ 35																		4	4	12	126	
34/ 33																				10	69	
32/ 31																		2	2	3	90	
30/ 29																				2	43	
28/ 27																					48	
26/ 25																					25	
Element (X)	Σ X																Σ X ²		Mean No. of Hours with Temperature			
Rel. Hum.																			≥ 80 F	≥ 73 F	≥ 67 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13919	TINKER AFB OK/OKLAHOMA CITY	43-70,72	PAGE 2	0900-1100	0CT
STATION	STATION NAME	YEARS		HOURS (L. S. T.)	MONTH

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MONTH

PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/1AC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-70.72 YEARS MONTH OCT
PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																.0	.0	2	2		
96/ 95																.1	.1	5	5		
94/ 93												.1	.3	.0	.2	.5	.1	9	9		
92/ 91									.1	.2	.3	.1	.3	.2	.2	.1		38	38		
90/ 89								.0	.1	.4	.4	.4	.2	.4	.1			37	37		
88/ 87								.0	.2	.5	.4	.7	.6	.4	.2	.0		71	71		
86/ 85					.0	.1	.4	.3	.6	.9	1.0	.9	.6	.4	.1			114	114		
84/ 83					.0	.4	.3	.8	1.3	.8	1.1	.3	.5	.1				145	145		
82/ 81					.1	.6	1.3	1.5	1.2	.8	1.1	.3	.3	.2				154	154		
80/ 79			.0	.1	.2	.6	1.4	.9	1.2	1.0	.9	.4	.4	.0				198	198		
78/ 77			.0	.2	.6	.8	.6	1.0	1.2	1.1	1.0	.7	.2	.0				196	196		5
76/ 75			.0	.1	.3	.5	.8	.6	.7	1.4	1.1	.5	.1					199	199		
74/ 73		.0	.1	.3	.3	.9	.5	1.0	1.4	1.0	.6	.3	.1					190	190		25
72/ 71		.1	.3	.3	.9	.5	.8	1.0	1.4	1.0	.6	.3	.1					189	189		71
70/ 69		.3	.5	.5	.4	.8	.4	.7	1.1	1.2	.8	.6	.1	.0				190	190		96
68/ 67		.2	.3	.3	.3	.7	.6	.7	1.0	.7	.3	.0						133	133		195
66/ 65	.2	.5	.6	.1	.7	.5	.6	.9	1.2	.6	.2	.1						176	176		276
64/ 63	.1	.3	.1	.3	.6	.7	.7	.7	.9	.3	.1							131	131		230
62/ 61	.0	.2	.1	.4	.4	.6	.7	.7	.7	.1	.0							109	109		239
60/ 59		.5	.4	.3	.4	.3	.5	.8	.4	.1								102	102		226
58/ 57	.0	.3	.3	.4	.0	.3	.6	.3	.2	.0								66	66		229
56/ 55	.1	.5	.1	.3	.1	.4	.4	.2	.2	.0								63	63		213
54/ 53	.0	.2	.1	.2	.2	.3	.6	.3	.1									47	47		218
52/ 51	.1	.1	.2	.2	.4	.2	.1	.1										36	36		154
50/ 49	.0	.1	.4	.3	.6	.1												26	26		138
48/ 47		.1	.3	.2	.1	.1												23	23		110
46/ 45		.3	.1	.0		.0												11	11		109
44/ 43	.1	.3	.1		.0	.0												16	16		81
42/ 41	.1	.1				.0												4	4		42
40/ 39	.1		.0															4	4		20
38/ 37			.1															2	2		3
36/ 35	.1																	3	3		8
34/ 33																					104
32/ 31																				1	104
Element (X)	Mean No. of Hours with Temperature																TOTAL		TOTAL		
Rel. Hum.																	≥ 0 F		≥ 80 F		
Dry Bulb																	≥ 73 F		≥ 93 F		
Wet Bulb																					
Dew Point																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAS

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-70,72
STATION	STATION NAME	

130

PAGE 2 1500-1700
HOURS (L-S-T)

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72 STATION NAME MONTH

PAGE 1 10-2000
AS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
90/ 89																		2	2				
88/ 87																		9	9				
86/ 85																		18	18				
84/ 83																		18	18				
82/ 81																		59	59				
80/ 79																		75	75				
78/ 77																		110	110				
76/ 75																		154	154	2			
74/ 73																		194	194	12	2		
72/ 71																		205	205	29	10		
70/ 69																		221	221	76	17		
68/ 67																		196	196	102	53		
66/ 65																		201	201	172	67		
64/ 63																		225	225	219	100		
62/ 61																		176	176	234	142		
60/ 59																		176	176	226	127		
58/ 57																		176	176	234	147		
56/ 55																		129	129	245	162		
54/ 53																		90	90	203	154		
52/ 51																		79	79	219	190		
50/ 49																		58	58	170	182		
48/ 47																		50	50	139	184		
46/ 45																		28	28	115	177		
44/ 43																		18	18	131	130		
42/ 41																		12	12	90	130		
40/ 39																		8	8	40	135		
38/ 37																		2	2	23	109		
36/ 35																		3	3	6	108		
34/ 33																		2	2	5	90		
32/ 31																				2	85		
30/ 29																					58		
28/ 27																					46		
26/ 25																					25		
24/ 23																					17		
Element (X)	Σ X ²		Σ X		X̄		X̄		No. Obs.		Mean No. of Hours with Temperature											TOTAL	
Rel. Hum.											Σ 0 F Σ 32 F Σ 67 F Σ 73 F Σ 80 F Σ 93 F											Total	
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAG

13919	TINKER AFB OK/OKLAHOMA CITY	43-72	STATION	STATION NAME	YEARS	PAGE 2	1800-2000	OCT	MONTH	HOURS (L. S. T.)
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DATA PROCESSING BRANCH
USAF FTAC
AIR WEATHER SERVICE/AAW

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 40-72 STATION NAME YEARS MONTH OCT
PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 61						.0	.1	.1	.0	.0	.0	.2						1	18	1	
80/ 79						.2	.3	.3	.1	.2	.0	.1						39	39		
78/ 77			.1	.2	.3	.2	.3	.5	.4	.0	.1	.1						68	68		
76/ 75																		94	94	11	
74/ 73		.1	.4	.4	.5	.9	.4	.4	.1	.2	.0							181	181	24	9
72/ 71		.2	.8	1.1	.9	1.7	.9	.7	.3	.1	.0							214	214	46	25
70/ 69		.7	1.3	.7	1.7	1.4	1.1	.6	.2	.1	.0							180	180	78	49
68/ 67	.1	.6	.8	1.5	1.6	.6	.7	.5	.2	.1								209	209	96	70
66/ 65	.0	1.0	.9	1.3	1.2	1.3	1.0	.6	.3	.0								184	184	180	87
64/ 63	.3	1.4	.7	.9	1.5	1.1	.5	.2	.3	.0								229	229	210	115
62/ 61	.2	1.3	1.1	1.2	1.5	1.8	.5	.5	.3	.1								221	221	219	114
60/ 59	.1	1.3	.9	1.4	1.7	1.4	.7	.6	.1									208	209	204	177
58/ 57	.3	1.2	1.4	1.4	1.4	1.2	.4	.3	.1									203	203	236	170
56/ 55	.1	.9	1.4	1.6	1.9	1.0	.5	.2										157	157	235	163
54/ 53	.1	.6	1.3	1.4	1.1	.9	.4	.0	.0									118	118	207	148
52/ 51	.5	.9	1.0	.8	.8	.3	.3	.1										110	110	208	209
50/ 49	.5	.9	.7	1.0	1.0	.2	.1											91	91	179	165
48/ 47	.1	.3	.6	1.0	1.0	.4	.3	.1										71	71	158	192
46/ 45		.4	.7	.8	.4	.3	.1											45	45	101	139
44/ 43		.5	.7	.3	.1													24	24	137	159
42/ 41	.0	.1	.6	.1	.1													15	15	78	137
40/ 39	.1	.1	.3															7	7	56	114
38/ 37	.1	.1	.0	.1														1	1	19	90
36/ 35			.0															5	5	6	98
34/ 33	.1		.1															3	3	3	93
32/ 31																				4	50
30/ 29																				1	42
28/ 27																					27
26/ 25																					14
24/ 23																					11
22/ 21																					6
20/ 19																					8
18/ 17																					7
16/ 15																					
Element (X)	ΣX ²		ΣX		X̄		s ²		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≥ 0 F ≥ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F						Total				
Dry Bulb																					
Wet Bulb																					

DATA PROCESSING BRANCH
JUSAF FTAC

PSYCHROMETRIC SUMMARY

61651 STATION

LINKER AER PK/PK ANIMA CITY

43-72

TATION

STATION NAME

YEARS

13

MONTH

PAGE 2

2100-2300
HOURS (1 - 5 P.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13619 FINKER AFB OK/OKLAHOMA CITY 43-72 MONTH NOV
PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point									
72/ 71			.2		.1	.1	.2	.0	.0									10	10											
70/ 69		.1	.0	.2	.1	.1	.2	.0										19	19	2										
68/ 67		.3	.2	.1	.2	.0	.0											26	26	6	5									
66/ 65		.1	.6	.3	.4	.0			.0									40	40	9	6									
64/ 63		.3	.5	.7	.1	.3	.0	.1										46	46	25	9									
62/ 61		.8	.7	.7	.1	.3	.3	.2										79	79	36	20									
60/ 59	.1	1.2	.3	.5	.4	.3	.2	.0										81	81	58	32									
58/ 57	.4	1.0	.5	.7	.6	.3	.1	.1										104	104	96	67									
56/ 55	.2	.7	.9	.9	.5	.6	.2	.1										109	109	63	66									
54/ 53		1.1	.6	1.0	1.1	.9	.3	.0										134	134	57	64									
52/ 51	.3	1.0	.8	1.8	1.3	.7	.2	.1										168	168	105	73									
50/ 49	.1	1.7	1.4	1.4	1.2	.9	.4											192	192	111	76									
48/ 47	.1	1.3	1.9	2.0	1.6	.5	.1											201	201	130	60									
46/ 45	.3	1.2	2.3	1.7	1.6	.8	.1											215	215	199	100									
44/ 43	.1	1.4	2.8	2.1	.9	.4	.0											206	206	199	103									
42/ 41	.1	1.0	2.2	1.5	.7	.0												152	153	208	131									
40/ 39	.5	1.5	3.0	1.6	.4													188	188	246	153									
38/ 37	.2	2.0	2.9	1.9	.6	.0												206	206	222	162									
36/ 35	.3	1.5	2.4	1.0	.1													147	142	222	195									
34/ 33	.3	2.0	1.5	.8	.3													131	131	209	204									
32/ 31	.1	1.3	.8	.6	.0													78	78	162	189									
30/ 29	.1	.6	.5	.2														40	40	117	242									
28/ 27	.1	.6	.5	.3														39	39	67	137									
26/ 25		.4	.8	.0														33	33	39	147									
24/ 23	.1	.3	.4	.2														27	27	34	121									
22/ 21		.2		.1														7	7	28	64									
20/ 19		.2	.1															10	10	23	63									
18/ 17			.0															1	1	6	52									
16/ 15			.1															2	2	4	35									
14/ 13																				1	39									
12/ 11																				2	26									
10/ 9																					15									
8/ 7																					4									
6/ 5																					2									
Element (X)	Σ X ²			Σ X			X̄			°x			No. Obs.			Mean No. of Hours with Temperature			Total											
Rel. Hum.													≤ 0 F			≥ 32 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																														
Wet Bulb																														
Dew Point																														

PSYCHROMETRIC SUMMARY

13919	STATION	TLUKFR AFB OK/OKLAHOMA CITY	43-72	YEARS	MONTH	NIV
				PAGE 2	0000-0200	HOURS (L. S. T.)

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13019 TINKER AFB OK/OKLAHOMA CITY 43-72 STATION NAME
STATION MONTH
NOV

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.		TOTAL	
																		Dry Bulb	Wet Bulb	Dew Point	
74/ 73			.1															2	2		
72/ 71			.1															2	2		
70/ 69			.2	.2	.0													11	11	3	
68/ 67		.3	.1	.1	.1	.1												17	17	4	3
66/ 65		.3	.4	.1	.3	.1												31	31	12	12
64/ 63		.3	1.0	.6	.2		.0											55	55	13	8
62/ 61		.7	.7	.4		.2	.0											57	57	31	9
60/ 59	.2	1.4	.4	.3	.1	.1	.1											71	71	67	39
58/ 57	.3	1.1	.3	.6	.3	.3	.0											80	80	89	74
56/ 55	.3	.9	.9	.4	.5	.4	.1											94	94	62	70
54/ 53	.2	1.0	.8	.4	.7	.5	.1											102	102	47	56
52/ 51	.2	.9	1.1	1.1	.9	.3	.0											121	121	88	62
50/ 49	.4	1.6	1.3	2.0	.7	.5	.3											183	183	87	65
48/ 47	.1	1.5	2.3	1.9	.9	.6	.1											199	199	119	82
46/ 45	.2	1.9	2.2	2.1	1.0	.2												202	202	158	68
44/ 43	.3	1.6	2.1	2.0	.9	.1												188	188	215	89
42/ 41	.2	1.8	2.3	2.0	.5	.2												189	189	188	137
40/ 39	.3	1.6	3.4	1.5	.6	.0												203	203	212	154
38/ 37	.3	2.6	2.9	1.2	.2													193	193	218	168
36/ 35	.2	2.5	2.6	1.0	.3													178	178	263	167
34/ 33	.3	2.4	2.6	1.0														171	171	185	191
32/ 31	.1	1.9	1.3	.7	.1													110	110	187	208
30/ 29	.1	1.2	.9	.4	.0													71	71	160	229
28/ 27	.1	1.0	.4	.2														48	48	93	142
26/ 25	.1	.7	.4	.1														35	35	58	169
24/ 23	.1	.4	.6															29	29	40	113
22/ 21	.0	.5	.4	.0														27	27	38	81
20/ 19	.0	.3	.1															12	12	29	59
18/ 17		.0	.1															3	3	11	57
16/ 15																				7	42
14/ 13			.1															2	2		25
12/ 11			.0															1	1	1	34
10/ 9																				2	20
8/ 7																					9

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE / IAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH NOV
PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 73			.1	.0														3	3			
72/ 71			.0															1	1			
70/ 69			.3	.0														8	8	2		
68/ 67		.2	.4		.1	.1												19	19	5	1	
66/ 65		.2	.4	.1	.2	.2												26	26	13	12	
64/ 63		.2	.9	.1	.2	.0												38	38	15	11	
62/ 61		.8	.4	.2														38	38	24	17	
60/ 59	.1	1.6	.4	.3	.1													69	69	61	33	
58/ 57	.4	1.3	.6	.5	.1	.2	.0		.0									88	88	78	72	
56/ 55	.2	1.0	.7	.5	.3	.2	.1											80	80	56	58	
54/ 53	.2	1.0	1.0	.6	.4	.4												96	97	56	54	
52/ 51	.3	1.1	1.2	1.1	1.0	.4	.1											138	138	77	64	
50/ 49	.1	1.2	1.5	1.6	.9	.4	.1											159	159	87	60	
48/ 47	.2	1.4	1.7	1.4	1.1	.2	.0											163	163	121	78	
46/ 45	.4	2.0	2.5	2.0	.6	.3	.1											210	210	142	85	
44/ 43	.3	1.5	2.3	1.8	.5	.1	.0											174	174	195	93	
42/ 41	.3	2.0	2.3	2.2	.6	.1												204	204	173	119	
40/ 39	.5	1.8	3.1	1.6	.3													195	195	222	142	
38/ 37	.3	2.7	2.6	1.5	.3													198	198	214	161	
36/ 35	.4	3.0	2.8	1.6	.2													215	215	227	163	
34/ 33	.4	2.2	2.6	.6														156	156	230	193	
32/ 31	.1	2.6	1.7	.3														128	128	193	223	
30/ 29	.0	1.8	1.4	.4	.1													101	102	169	204	
28/ 27	.1	1.3	.6	.2														61	61	122	168	
26/ 25	.1	.4	.3	.1														27	27	67	174	
24/ 23	.0	.5	.5	.1														31	31	35	112	
22/ 21	.0	.7	.5	.0														35	35	34	103	
20/ 19		.3	.1															10	10	37	84	
18/ 17	.0	.2	.1															9	9	17	63	
16/ 15		.0																1	1	7	31	
14/ 13																						
12/ 11		.1	.0															3	3	2	24	
10/ 9																				3	19	
8/ 7																				3	24	
																					14	
Element (X)	Σ X ²		Σ X		X̄		°X		No. Obs.		Mean No. of Hours with Temperature						Σ 80 F		Σ 93 F		Total	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						

PSYCHROMETRIC SUMMARY

9277-53321

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS MONTH NJV
PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL						
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
78/ 77											.0							1	1							
76/ 75								.0	.0		.0							4	4							
74/ 73			.0	.0	.0	.1	.2	.1	.0	.1	.0							14	14	1	1					
72/ 71	.0		.0	.2	.1	.0	.1	.0	.2	.0	.0							20	20	2	2					
70/ 69		.1	.2	.3	.2	.3	.1	.2	.1	.1	.0							42	42	5	4					
68/ 67		.1	.4	.4	.4	.4	.1	.4	.3	.1	.1							65	65	19	6					
66/ 65		.2	.4	.5	.4	.4	.6	.4	.4	.2	.0							86	86	30	14					
64/ 63		.3	1.0	.4	.4	.6	.5	.6	.2	.2								110	110	58	20					
62/ 61	.0	.8	.5	.6	.7	.6	.7	.7	.4	.1								136	136	78	49					
60/ 59	.0	.4	.5	.5	.7	1.0	1.2	.6	.2									140	140	64	68					
58/ 57	.1	.7	.5	.6	.7	.9	1.1	.5	.1	.0								143	143	114	57					
56/ 55	.2	.8	.6	.9	1.3	1.3	.9	.4	.0									173	174	115	64					
54/ 53	.1	.6	.8	.7	1.5	1.2	1.2	.3										175	176	124	66					
52/ 51	.2	.7	.6	1.2	1.6	1.7	.8	.1										185	185	156	71					
50/ 49	.1	.7	.8	1.5	1.8	1.2	.6	.1										184	184	204	95					
48/ 47	.1	.7	.8	1.8	1.6	.8	.3											166	166	213	100					
46/ 45	.1	1.3	.6	1.8	1.5	.9	.1											166	166	212	123					
44/ 43	.9	1.3	1.6	1.1	1.1	.6	.0											148	148	223	115					
42/ 41	.3	.8	1.2	2.0	.9	.5	.0											154	154	211	148					
40/ 39	.2	.9	1.4	1.6	1.1	.1												139	139	196	157					
38/ 37	.1	1.2	1.4	1.4	.5	.1												125	125	169	196					
36/ 35	.2	1.0	1.4	.9	.1	.0												95	96	154	211					
34/ 33	.0	1.0	1.2	.6	.3													83	83	137	191					
32/ 31	.2	.5	.4	.4	.1													43	43	77	186					
30/ 29	.1	.1	.4	.3	.1													27	27	30	144					
28/ 27	.0	.1	.4	.1	.0													22	22	30	147					
26/ 25		.1	.1	.1														10	10	24	91					
24/ 23		.0	.2	.1														10	10	14	94					
22/ 21		.1	.1	.1	.0													8	8	11	67					
20/ 19		.0	.0															2	2	4	65					
18/ 17		.1	.0															3	3	5	33					
16/ 15		.0	.0															2	2		32					
14/ 13																				1	16					
12/ 11																										
Element (X)	Z x																	x̄		Mean No. of Hours with Temperature					Total	
Rel. Hum.																				≤ 0 F					≥ 80 F	
Dry Bulb																				≤ 32 F					≥ 73 F	
Wet Bulb																				≤ 67 F					≥ 93 F	

PSYCHROMETRIC SUMMARY

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

PAGE 2 0950-1100
HOURS (L. S. T.)

PAGE 2

TOTAL

[illegible]

DATA PROCESSING BRANCH
USAF FTAC
AIA WLAHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

NOV
MONTH

STATION NAME

YEARS

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb Dew Point					
84/ 83														.0				1	1					
82/ 81														.0				1	1					
80/ 79							.1	.3	.0	.1	.1	.1	.1	.0				15	15					
78/ 77							.3	.2	.1	.1	.3	.3	.3					33	33					
76/ 75							.3	.2	.4	.2	.5	.3	.2					57	57					
74/ 73			.1	.1	.3	.3	.5	.3	.6	.4	.4	.4	.1	.1				87	87					
72/ 71				.1	.3	.5	.5	.7	1.1	.6	.4	.4	.0	.0				118	118					
70/ 69	.0	.1	.2	.4	.5	.6	.9	1.1	.8	.7	.4	.4	.1					157	157					
68/ 67		.2	.2	.6	.3	.7	.6	.9	1.1	.6	.2	.2						147	147					
66/ 65		.1	.2	.3	.7	.5	.5	1.3	1.5	.5	.4	.0						159	159					
64/ 63		.1	.2	.2	.3	.7	.7	1.2	1.0	.8	.1	.0						145	145					
62/ 61		.2	.2	.3	.6	.8	1.1	1.3	1.0	.3	.1							158	158					
60/ 59	.0	.1	.3	.2	.7	.8	1.4	1.4	1.1	.3								168	168					
58/ 57	.0	.3	.2	.4	.6	1.3	1.3	1.3	.5									162	162					
56/ 55	.0	.3	.3	.3	.6	1.2	2.0	1.1	.3									162	162					
54/ 53	.0	.4	.1	.4	1.0	1.2	1.8	.7										150	150					
52/ 51	.0	.4	.1	.3	.7	1.3	1.1	.4	.0									118	118					
50/ 49	.1	.3	.2	.4	1.0	1.4	1.0	.2										124	124					
48/ 47	.1	.7	.4	1.0	.9	1.2	.5	.1										130	130					
46/ 45	.1	.9	.3	.8	1.0	.6	.6	.1										116	116					
44/ 43	.2	.6	.6	1.1	1.2	.6	.2											120	120					
42/ 41	.1	.6	.4	.6	.8	.3	.1											82	82					
40/ 39	.1	.6	.6	.8	.4	.2												71	71					
38/ 37	.4	.5	.7	.6	.4	.2												76	76					
36/ 35	.1	.3	.6	.2	.3	.1												43	43					
34/ 33		.4	.4	.3	.2	.1												37	37					
32/ 31	.1	.0	.2	.2	.1	.0												20	20					
30/ 29		.1	.1	.2														11	11					
28/ 27	.0	.2	.1	.1														12	12					
26/ 25		.1	.1	.0														6	6					
24/ 23		.1																2	2					
22/ 21			.0															1	1					
20/ 19																								
18/ 17																		2	2					
69																								
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION
61581

TINKER AFB OK/OKLAHOMA CITY

43-72

STATION NAME

YEARS

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CONTENTS

PAGE 2

1200-1400

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19019 FINNICK AFB OKLAHOMA CITY 43-72 STATION NAME MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
84 / 83																			3		
82 / 81																			9		
80 / 79																			19		
78 / 77																			38		
76 / 75																			63		
74 / 73																			117		
72 / 71																			125		
70 / 69																			151		
68 / 67																			150		
66 / 65																			146		
64 / 63																			167		
62 / 61																			149		
60 / 59																			183		
58 / 57																			162		
56 / 55																			152		
54 / 53																			133		
52 / 51																			127		
50 / 49																			133		
48 / 47																			122		
46 / 45																			130		
44 / 43																			81		
42 / 41																			73		
40 / 39																			76		
38 / 37																			76		
36 / 35																			32		
34 / 33																			25		
32 / 31																			23		
30 / 29																			18		
28 / 27																			8		
26 / 25																			2		
24 / 23																			1		
22 / 21																					
20 / 19																					
18 / 17																					

Element (X)		Σ X ²		Σ X		X̄		No. Obs.		Mean No. of Hours with Temperature				Total	
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 93 F		
Dry Bulb															
Wet Bulb															
Dew Point															

DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919	TINKER AFB OK/OKLAHOMA CITY	43-72	PAGE 2	1500-1700
STATION	STATION NAME	YEARS		HOURS (L. S. T.)
				NUV
				MONTH

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13310 TINKER AFB OK/OKLAHOMA CITY 42-72
 MONTH NOV
 YEARS
 PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
73/ 77						.1	.0	.1										2	2			
75/ 75						.1	.0	.0										7	7			
74/ 73						.2	.1	.0	.0		.1							9	9			
72/ 71		.0	.1		.3	.3	.2	.3	.3	.0								25	25			
70/ 69		.0	.2	.4	.3	.3	.2	.3	.3	.1								57	57	2		
68/ 67		.0	.3	.3	.6	.6	.3	.4	.4	.1	.1							85	85	4	3	
66/ 65			.5	.7	.5	.3	.9	.5	.3	.2	.0							105	105	14	5	
64/ 63	.0	.4	.4	.6	.6	.9	.6	.6	.3	.1								123	123	16	8	
62/ 61		.4	.5	.6	.8	1.0	.9	.6	.3	.0								140	140	55	28	
60/ 59	.0	.5	.6	1.0	1.3	.8	1.3	.6	.3									177	177	77	39	
58/ 57	.1	.3	.4	.6	1.1	1.4	1.3	.8	.2									165	165	82	53	
56/ 55		.3	.5	.7	1.2	1.2	1.5	.7	.0									169	169	98	56	
54/ 53		.2	.7	.9	1.3	1.8	1.3	.7	.0									184	184	146	58	
52/ 51	.1	.7	.1	1.2	1.7	1.4	1.0	.3										175	175	129	80	
50/ 49	.1	.4	.5	1.5	1.6	1.9	.7	.0										182	182	174	72	
48/ 47	.1	.9	.6	1.6	1.6	1.4	.4	.0										182	182	193	96	
46/ 45	.3	.7	.7	1.4	1.7	1.2	.1	.0										165	165	214	99	
44/ 43		1.1	1.2	1.8	1.3	.5	.1											164	164	237	126	
42/ 41		.4	.9	1.9	1.3	.4	.1											133	133	244	114	
40/ 39	.3	.6	1.4	1.4	.7	.1												120	120	215	147	
38/ 37	.4	.7	1.1	1.0	.5	.1												101	101	211	168	
36/ 35	.1	.5	.9	.9	.1	.0												68	68	186	218	
34/ 33		.4	.5	.4	.1													41	41	125	159	
32/ 31	.0	.3	.2	.4	.2													31	31	83	188	
30/ 29	.2	.1	.4	.5	.1													35	35	52	198	
28/ 27		.2	.3	.1														18	18	29	170	
26/ 25	.1	.1	.1	.1														12	12	36	132	
24/ 23			.2															6	6	21	104	
22/ 21				.1														3	3	12	101	
20/ 19																				7	76	
18/ 17																				2	60	
16/ 15																					33	
14/ 13																					25	
12/ 11																					15	
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																						
Wet Bulb																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919	FINKER FFB OK/OKLAHOMA CITY	43-72	NOV	MONTH
STATION	STATION NAME	YEARS	PAGE 2	1800-2000
				MOBILE (1 5 7)

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USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TINKER AFB OK/OKLAHOMA CITY 43-72 YEARS NOV MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
75/ 75						.0												1	1						
74/ 73				.0		.1												5	5						
72/ 71			.1	.0	.1		.1											9	9						
70/ 69		.1	.1	.1	.3	.1	.1											23	23						
68/ 67		.1	.3	.2	.3	.1	.0		.1									32	32	10	2				
66/ 65		.2	.4	.4	.5	.2	.0	.1	.1									55	55	10	10				
64/ 63	.0	.3	.6	.4	.3	.3	.3	.2	.1									67	67	26	10				
62/ 61		.7	.8	.7	.3	.4	.4	.2	.1	.0								96	96	40	20				
60/ 59	.2	1.2	.6	.6	.6	.7	.4	.4	.1									128	128	71	35				
58/ 57	.1	.4	.6	.6	.9	1.0	.7	.6	.0									128	128	83	54				
56/ 55	.1	.9	1.0	1.2	1.3	1.1	.4	.1										165	165	52	77				
54/ 53		.7	.7	1.1	1.4	1.1	.3	.1										145	145	89	40				
52/ 51	.1	.9	.6	1.4	1.1	1.3	.7	.0										164	164	132	79				
50/ 49	.1	1.1	1.3	2.2	1.7	1.4	.7	.1										232	232	135	80				
48/ 47	.3	1.0	1.0	2.0	2.0	1.2	.4											212	212	170	84				
46/ 45	.1	.9	1.6	2.2	1.6	.8	.0											198	198	196	94				
44/ 43	.0	1.0	1.1	1.6	1.1	.5	.0											144	144	206	91				
42/ 41	.2	1.2	1.6	1.7	1.2	.3	.0											170	170	236	152				
40/ 39	.3	1.1	2.7	2.2	1.1	.1												200	200	230	144				
38/ 37	.2	.9	2.1	1.6	.4													140	140	220	153				
36/ 35	.3	1.3	1.7	1.1	.3													125	125	224	187				
34/ 33	.0	.8	1.1	.6	.1													73	73	182	180				
32/ 31		.7	.7	.2	.1													47	47	133	202				
30/ 29	.2	.3	.6	.4														43	43	78	235				
28/ 27	.1	.3	.8	.4	.1													45	45	56	146				
26/ 25	.1	.2	.2	.1														17	17	37	139				
24/ 23		.1	.2	.0														10	10	34	123				
22/ 21		.1	.2															9	9	17	83				
20/ 19			.1															3	3	11	79				
18/ 17			.0															1	1	6	62				
16/ 15																				2	31				
14/ 13																				1	26				
12/ 11																					25				
10/ 9																					10				
Element (X)	ΣX ²		ΣX		X̄		s ²		No. Obs.		Mean No. of Hours with Temperature							≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 43-72

YEARS

PAGE 2

WILLIAM

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72
STATION NAME YEARS MONTH
PAGE 1 0000-0200
HOURS (L. S. T.) DEC

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
68/ 67			.1	.1	.1	.0												2	2																	
66/ 65		.1	.1	.1	.1	.0												9	9																	
64/ 63		.4	.2	.2	.2	.0												19	19	5	2															
62/ 61		.3	.2	.2	.2	.0												22	22	14	13															
60/ 59	.1	.5	.5	.0	.1	.1	.1											35	35	15	9															
58/ 57		.6	.3	.1	.1	.1	.1	.0										38	39	41	14															
56/ 55	.0	.5	.3	.2	.2	.2	.1											46	46	25	32															
54/ 53	.3	.8	.1	.1	.3	.2	.1											55	55	47	38															
52/ 51	.2	.5	.3	.2	.4	.2	.0											51	51	37	51															
50/ 49	.1	.5	.2	.4	.9	.7												82	83	30	23															
48/ 47	.3	1.1	.5	1.0	1.2	.2	.1											124	125	46	30															
46/ 45	.2	1.0	1.4	1.5	1.1	.3												155	159	75	49															
44/ 43	.7	1.2	1.6	1.6	1.1	.4												187	187	98	51															
42/ 41	.9	1.3	1.5	1.7	1.1	.3												194	194	175	57															
40/ 39	.5	1.2	2.8	1.8	.6	.2												200	200	195	97															
38/ 37	.4	2.3	3.3	2.0	.1	.0												231	232	201	94															
36/ 35	.6	2.9	3.3	1.7	.2	.0												244	244	273	158															
34/ 33	.8	2.9	3.1	1.1	.0													223	223	256	181															
32/ 31	.6	2.5	2.2	.7	.0													171	171	271	186															
30/ 29	.6	2.6	1.7	.5	.0													153	153	229	262															
28/ 27	.6	2.1	1.5	.1														121	121	194	223															
26/ 25	.9	2.4	1.6	.1														141	143	133	227															
24/ 23	.4	2.0	1.0															97	97	136	219															
22/ 21	.4	1.4	.2															59	60	107	162															
20/ 19	.1	1.1	.2															39	39	64	115															
18/ 17		.7	.2															27	27	27	127															
16/ 15	.0	.7	.1															24	26	34	97															
14/ 13	.1	.6	.1															21	22	25	60															
12/ 11	.2	.6	.0															25	25	32	54															
10/ 9		.3																9	9	11	51															
8/ 7	.0	.2																7	7	13	47															
6/ 5		.1																3	3	3	29															
4/ 3		.1																2	2	4	21															
2/ 1																					10															
Element (X)	Σ X																	Σ X ²		Mean No. of Hours with Temperature																
Rel. Hum.																				≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total																
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919
STATION

STATION NAME
TINKER AFB OK/OKLAHOMA CITY

42-72

YEARS

DEC
MONTH

PAGE 2

0000-0200
HOURS (L. S. T.)

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42-72

TINKER AFB OK/OKLAHOMA CITY

STATION
13919

MONTH
DEC

STATION NAME

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
68/ 67			.1															2	2							
66/ 65		.1	.0															3	3							
64/ 63		.4	.1	.2	.0													19	22	7	1					
62/ 61		.1	.1	.0		.0												7	7	10	10					
60/ 59		.5	.2	.1	.0		.1	.0										29	29	5	7					
58/ 57	.0	.8	.0	.1	.1	.0	.0	.1										34	36	38	11					
56/ 55		.7	.2	.2	.2	.1	.0	.0										34	34	21	32					
54/ 53	.3	.8	.4	.1	.1	.2	.1											56	56	33	31					
52/ 51	.2	.6	.1	.2	.4	.2												47	47	38	37					
50/ 49	.1	.5	.2	.4	.3	.1	.0											48	51	37	21					
48/ 47	.4	.6	.3	.6	.5	.2	.1											78	78	43	39					
46/ 45	.3	.9	1.3	1.4	1.0	.0												139	142	44	41					
44/ 43	.7	1.2	1.4	1.2	.8	.1												153	154	92	37					
42/ 41	.9	1.6	1.8	1.2	.7	.1												179	182	139	66					
40/ 39	.7	1.8	1.9	1.6	.5	.0												188	188	168	81					
38/ 37	.6	2.4	2.6	1.7	.4	.0												221	221	218	109					
36/ 35	.9	2.7	3.4	1.5	.1													244	244	211	153					
34/ 33	.9	3.4	3.6	1.2	.1													256	258	228	164					
32/ 31	1.1	3.8	2.8	.4	.1													230	230	302	198					
30/ 29	.9	3.0	1.7	.5	.0													173	173	276	232					
28/ 27	.3	2.6	1.2	.1														121	128	218	194					
26/ 25	.7	3.0	1.5	.1														149	149	143	240					
24/ 23	.6	3.0	.8	.0														123	123	154	202					
22/ 21	.4	1.7	.6															76	76	119	197					
20/ 19	.1	1.5	.2															51	53	71	145					
18/ 17	.1	.9	.1															32	32	54	136					
16/ 15	.0	.8	.0															24	26	28	99					
14/ 13	.1	.6	.1															23	24	25	71					
12/ 11	.2	.6	.0															23	23	32	50					
10/ 9	.1	.4	.0															15	15	14	46					
8/ 7	.1	.3																12	12	16	52					
6/ 5	.1	.2																8	8	12	39					
4/ 3	.1	.1																4	4	3	13					
2/ 1	.0	.0																1	1	3	18					
Element (X)	Σ X																	Σ X	No. Obs.		Mean No. of Hours with Temperature		Total			
Rel. Hum.																			Σ 0 F		Σ 32 F		Σ 93 F		Total	
Dry Bulb																										
Wet Bulb																										
Dew Point																										

PSYCHROMETRIC SUMMARY

13919	STATION	TINKER AFB OK/OKLAHOMA CITY	42-72	YEARS	PAGE 2	0300-0500	DEC	MONTH	HOURS (L. S. T.)
		STATION NAME							

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS MONTH DEC
PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
68/ 67			.0															1	1				
66/ 65		.1	.1															5	5				
64/ 63		.1	.2	.1														11	11	3	2		
62/ 61	.0	.3	.2															14	14	8	6		
60/ 59		.6	.1															19	20	17	9		
58/ 57		1.1	.1	.0	.1	.0	.0	.0										43	43	29	22		
56/ 55	.0	.4	.2	.1	.1	.0												20	20	26	27		
54/ 53	.1	.9	.2	.1	.1	.1	.1	.0										49	49	27	31		
52/ 51	.2	.6	.2	.2	.2	.0												43	44	37	29		
50/ 49	.1	.7	.2	.3	.1	.1												43	43	26	21		
48/ 47	.4	.7	.5	.6	.4	.1	.0											74	74	46	35		
46/ 45	.4	1.0	.9	.6	.4													95	98	53	40		
44/ 43	.9	1.2	1.3	.7	.5													127	129	91	45		
42/ 41	.6	1.0	1.5	1.3	.5													140	142	94	69		
40/ 39	.5	1.9	2.2	1.5	.6	.0												190	190	129	64		
38/ 37	1.0	2.6	2.8	1.9	.1													234	235	171	111		
36/ 35	.5	4.0	2.9	1.6	.1													255	256	202	117		
34/ 33	.9	3.6	3.3	.9	.1													244	247	293	158		
32/ 31	1.3	3.9	3.3	.5	.1													255	257	286	205		
30/ 29	1.0	4.2	2.1	.4	.1													218	219	280	226		
28/ 27	.4	2.9	1.2	.1														128	130	244	194		
26/ 25	.3	2.8	1.4	.0														128	129	145	217		
24/ 23	.6	3.7	1.0	.0														149	149	143	231		
22/ 21	.4	2.2	.4															84	84	153	202		
20/ 19	.4	2.2	.3															80	81	97	160		
18/ 17	.3	1.1	.1															41	42	68	118		
16/ 15	.0	.6	.1															22	22	27	133		
14/ 13	.2	.8	.1															29	31	37	71		
12/ 11	.0	.7	.0															22	22	16	58		
10/ 9	.0	.5	.1															18	18	18	67		
8/ 7	.0	.5																14	14	22	40		
6/ 5		.1																4	4	8	25		
4/ 3		.1																2	2	5	19		
2/ 1		.1																2	2	2	20		
Element (X)	ΣX ²		ΣX		ΣX		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919
STATION

TTINKER AFB OK/OKLAHOMA CITY

42-72

STATION NAME

YEARS

DEC
MONTH

PAGE 2

0600--0800
HOURS (L. S. T.)

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS MONTH DEC
PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dew Point	Wet Bulb	Dew Point
72/ 71						.0			.0		.0							1	1		
70/ 69						.0												3	3		
68/ 67		.0	.0	.0	.0	.1	.0	.1	.1									4	4	18	1
66/ 65		.1	.2	.1	.1	.0	.1	.1	.1	.0	.0							16	16	4	3
64/ 63		.1	.3	.1	.0	.1	.0	.1	.0	.1	.0							21	21	8	2
62/ 61		.3	.1	.0	.1	.0	.1	.2	.1	.1	.0							46	46	25	14
60/ 59	.0	.7	.2	.1	.2	.1	.2	.2	.1	.0								66	66	34	30
58/ 57	.0	1.0	.2	.3	.2	.2	.4	.4	.2	.0								84	84	33	29
56/ 55		.4	.3	.3	.3	.4	.5	.5	.1									105	105	52	20
54/ 53	.2	.5	.4	.5	.5	.7	.7	.5	.1									133	133	52	36
52/ 51	.3	.3	.7	.5	.9	1.1	.3											151	152	75	49
50/ 49	.3	.4	.8	1.0	1.3	.7	.1											176	178	115	46
48/ 47	.4	.6	.7	1.2	1.5	.9	.2											192	193	148	71
46/ 45	.2	.7	1.3	1.8	1.3	.7	.1											218	218	179	72
44/ 43	.6	1.2	1.5	1.7	1.5	.3	.0											198	198	235	106
42/ 41	.4	1.2	1.6	2.3	1.9	.3	.0											181	182	220	118
40/ 39	.5	1.2	2.2	1.9	1.0	.1												259	260	264	150
38/ 37	.4	1.4	2.3	1.9	.3	.1												157	159	257	167
36/ 35	.6	2.5	3.3	2.2	.5	.0												154	157	267	212
34/ 33	.6	2.4	1.8	.5	.2													143	143	182	230
32/ 31	.6	2.3	1.7	.7	.1													113	115	157	211
30/ 29	.4	2.1	1.8	.8														80	81	122	248
28/ 27	.1	1.9	1.7	.2														54	54	105	209
26/ 25	.3	1.3	1.0	.2														40	40	66	163
24/ 23	.4	1.0	.6	.0														52	52	54	114
22/ 21	.2	.8	.4															32	32	46	107
20/ 19	.2	1.1	.5															20	20	35	107
18/ 17	.3	.7	.1															17	17	15	48
16/ 15	.1	.4	.2															12	12	18	66
14/ 13	.5	.1	.1															7	7	11	49
12/ 11	.3	.1																3	3	9	28
10/ 9	.0	.2																1	1	1	31
8/ 7	.0	.1																			
6/ 5	.0	.0																			
Element (X)	Mean No. of Hours with Temperature																Total		Total		
Rel. Hum.	≥ 0 F																≥ 80 F		≥ 93 F		
Dry Bulb																					
Wet Bulb																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PHOTOMETRIC SUMMARY

61619
STATION

TINKER AFB OK/OKLAHOMA CITY

42-72

YEARS

DEC 1964

PAGE 2

0900-1100
(L.S.T.) SUBS

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 TINKER AFB OK/OKLAHOMA CITY 42-72

PAGE 1 1200-1400
MONTH
DEC
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83														.0				1	1					
82/ 81													.0					1	1					
80/ 79										.0								1	1					
78/ 77										.0			.0					3	3					
76/ 75				.0					.0	.1	.0							5	5					
74/ 73				.0				.0	.1	.1	.1	.1						6	6					
72/ 71			.1	.0	.1	.0	.1	.2	.2	.2	.1	.0						12	12					
70/ 69			.0	.3	.1	.1	.1	.1	.1	.2	.2	.0						29	29					
68/ 67			.1	.2	.2	.1	.2	.1	.4	.4	.2							38	38	2				
66/ 65			.0	.2	.3	.1	.4	.4	.6	.2	.3	.0						55	55	4	3			
64/ 63		.0	.1	.2	.2	.4	.1	.4	.7	.7	.3							76	76	1	3			
62/ 61		.1	.2	.2	.4	.1	.4	.5	.9	.7	.3							87	87	21				
60/ 59		.6	.4	.3	.4	.4	.5	.8	.5	.0								118	119	25	11			
58/ 57		.5	.1	.5	.4	.7	.8	.8	.5									119	119	56	33			
56/ 55	.0	.5	.3	.5	.6	1.1	1.4	1.4	.1									168	168	53	26			
54/ 53	.1	.4	.5	.5	1.2	1.1	1.9	.6	.1									181	181	72	39			
52/ 51	.1	.4	.5	1.0	1.2	1.7	1.2	.3										183	184	80	30			
50/ 49	.1	.4	.6	.8	1.4	1.8	1.0	.1										173	174	124	40			
48/ 47	.2	.4	.5	1.3	1.0	2.0	.5	.1										171	171	150	59			
46/ 45	.1	.6	.6	1.2	1.6	1.6	.2	.0										167	167	217	66			
44/ 43	.3	.9	.6	1.3	2.0	.9	.5	.0										183	183	232	53			
42/ 41	.2	.9	.5	1.2	1.1	.7	.1											136	136	257	110			
40/ 39	.3	.7	1.1	1.3	1.1	.4												135	137	228	119			
38/ 37	.4	1.2	1.0	1.7	.7	.1	.0											149	149	228	127			
36/ 35	.1	1.2	1.2	.6	.2	.1												98	98	220	151			
34/ 33	.3	1.3	1.0	1.1	.5	.1												121	121	170	171			
32/ 31	.6	1.0	1.0	.9	.3													108	108	186	214			
30/ 29	.1	.8	.9	.7	.0													70	72	120	188			
28/ 27	.1	.8	.6	.2														48	50	80	207			
26/ 25	.2	.7	.5	.2														45	48	89	226			
24/ 23	.0	.3	.4	.2														26	26	56	198			
22/ 21	.1	.6	.5															36	36	34	169			
20/ 19	.1	.6	.3	.0														28	28	39	97			
18/ 17	.2	.4	.3	.0														27	27	37	108			
Element (X)	Σ X				Σ X				Σ X				Σ X				Σ X				Mean No. of Hours with T- operation			
Rel. Hum.																					Total			
Dry Bulb																								
Wet Bulb																								
Dew Point																								

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS
13919	TINKER AFB OK/OKLAHOMA CITY	42-72

42-72

TINKER AFB INK/OKLAHOMA CITY

MONTH
DEC

PAGE 2 1200-1400
HOURS (L. S. T.)

PAGE 2

9477 121

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS
1500-1700 HOURS (L. S. T.)
PAGE 1
DEC MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85														.0				1	1		
84/ 83														.0				1	1		
78/ 77										.0	.1	.0						5	5		
76/ 75								.1		.1	.1	.1						10	10		
74/ 73									.1	.0	.1	.0	.0					10	10		
72/ 71						.0	.1	.1	.1	.1	.0	.1						13	13		
70/ 69					.1	.1	.1	.1	.1	.1	.2	.0						26	26		
68/ 67		.1	.0	.0	.1	.1	.1	.2	.4	.4	.2	.1						45	45		
66/ 65			.1	.4	.3	.3	.3	.5	.5	.6	.4							94	94	3	1
64/ 63			.2	.5	.4	.4	.4	.5	.7	.2	.0							94	94	1	2
62/ 61		.2	.3	.3	.6	.2	.5	.6	.8	.3	.1							110	110	15	
60/ 59		.3	.2	.4	.4	.4	.6	.7	.8	.7	.0							114	114	41	10
58/ 57	.1	.2	.2	.5	.5	.5	.7	1.0	.8	.8	.0							140	140	53	25
56/ 55	.0	.4	.1	.4	.4	.4	1.1	1.8	.8	.2								149	149	74	37
54/ 53	.1	.5	.4	.3	.6	.6	1.6	1.6	.8	.1								170	171	74	38
52/ 51	.1	.4	.2	1.0	1.1	1.1	1.7	1.7	.5									185	185	99	29
50/ 49	.1	.2	.8	1.3	2.0	1.6	1.1	.2										204	204	131	51
48/ 47	.1	.3	.8	.9	1.0	1.7	1.2	.0										168	168	146	54
46/ 45	.1	.5	.5	1.0	1.8	1.4	.6											168	168	220	54
44/ 43	.2	.8	.8	.9	1.4	1.0	.2	.0										156	156	268	75
42/ 41	.3	.7	.8	1.0	1.1	.5	.1											131	131	266	109
40/ 39	.2	.9	.8	.8	1.0	.3												117	117	213	110
38/ 37	.4	1.2	1.2	1.5	.7	.2												146	146	247	135
36/ 35	.2	.8	1.1	.9	.8													107	107	193	172
34/ 33	.2	1.3	.6	.8	.3	.1												98	98	164	183
32/ 31	.3	.9	.9	.8	.5													94	94	150	215
30/ 29	.2	1.0	.7	.2														60	60	109	178
28/ 27	.4	.8	.4	.2														51	52	202	
26/ 25	.2	.8	.3	.2	.1													45	45	71	217
24/ 23	.1	.3	.4	.1														24	24	49	188
22/ 21	.1	.6	.5	.1														36	37	26	172
20/ 19	.1	.6	.2	.1														29	30	42	109
18/ 17	.1	.5	.2															23	23	28	112
16/ 15	.0	.1																4	4	27	99
Element (X)	Σ X ²				Σ X				X̄				No. Obs.				Mean No. of Hours with Temperature				
Rel. Hum.													≤ 0 F				≤ 32 F				
Dry Bulb													≥ 67 F				≥ 73 F				
Wet Bulb																	≥ 80 F				
Dew Point																	≥ 93 F				
																	Total				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919
STATION

TINKER AFB OK/OKLAHOMA CITY

42-72

0477-54321

STATION NAME

YEARS

DEC
MONTH

PAGE 2

PAGE 2

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13919 TIKER AFB OK/OKLAHOMA CITY 42-72
STATION NAME
YEARS
MONTH DEC
PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71									.1	.1								7	7		
70/ 69									.1	.1								5	5		
68/ 67		.1		.1					.1	.1								9	9	2	1
66/ 65		.0	.0	.2					.0	.2	.0							20	20	1	2
64/ 63			.2	.2	.1				.1	.0	.0							22	22	7	
62/ 61		.2	.2	.3	.0				.2	.1	.1							39	39		
60/ 59	.1	.5	.2	.4	.2				.1	.2	.2							58	58	22	11
58/ 57	.2	.9	.5	.4	.3				.2	.5	.4							99	99	44	29
56/ 55	.0	.6	.4	.5	.4	.5			.7	.4								98	100	47	31
54/ 53	.0	.4	.5	.4	.5	.8			.5	.2	.0							95	96	49	34
52/ 51	.2	.4	.6	.5	1.2	1.2		.7	.1									141	141	59	39
50/ 49	.1	.4	.6	1.0	1.9	1.4		.5	.1									173	175	61	33
48/ 47	.1	.5	1.1	1.5	2.1	1.4		.4										202	202	100	44
46/ 45	.2	.7	1.2	2.0	2.1	1.2		.1										213	213	108	49
44/ 43	.2	.9	1.3	1.9	1.6	.6		.1										188	189	197	68
42/ 41	.2	1.0	1.5	2.3	1.1	.4		.1										184	184	220	84
40/ 39	.4	1.2	2.5	1.9	1.5	.4												220	223	270	90
38/ 37	.4	1.7	2.0	1.8	.7	.2												192	192	273	119
36/ 35	.3	1.5	2.1	1.6	.5	.1												174	174	273	155
34/ 33	.3	1.6	1.4	1.0	.1													124	124	197	213
32/ 31	.6	.9	1.1	1.0	.1													105	105	211	233
30/ 29	.3	1.8	1.0	.6	.1													108	108	156	231
28/ 27	.4	1.6	.6	.6														89	89	140	208
26/ 25	.1	.9	.9	.1														56	56	93	227
24/ 23	.2	1.1	.5	.0														51	52	78	169
22/ 21	.1	.6	.2															27	29	62	158
20/ 19	.1	.7	.6	.0														40	40	32	117
18/ 17		.4	.4															21	25	29	91
16/ 15	.1	.5	.2															25	25	27	85
14/ 13	.1	.5																16	16	30	66
12/ 11		.1																2	2	13	52
10/ 9		.0																1	1	3	39
8/ 7																					46
6/ 5																					30
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F ≤ 32 F ≥ 73 F ≥ 80 F ≥ 93 F										
Dry Bulb																					
Wet Bulb																					

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 2 1800-2000
HOURS (L.S.T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13919 STATION TINKER AFB OK/OKLAHOMA CITY 42-72 YEARS PAGE 1 2100-2300 MONTH DEC
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73										.0								1	1		
72/ 71										.0								1	1		
70/ 69									.1									2	2		
68/ 67					.1	.1			.0									6	6		
66/ 65		.1	.1	.0	.0	.0	.0	.1		.0								12	12		
64/ 63		.1	.3	.0	.0	.1	.1	.0		.0								17	17	3	3
62/ 61	.0	.3	.3	.1	.1	.0	.0	.1	.1									26	26	12	2
60/ 59	.1	.4	.4	.0	.1	.0	.1	.0	.1									35	35	23	19
58/ 57	.0	.8	.3	.2	.2	.2	.1	.1	.1									57	57	33	15
56/ 55	.1	.5	.4	.2	.1	.2	.2	.0	.0									50	50	40	39
54/ 53	.1	.9	.2	.2	.2	.4	.3	.1	.1									66	66	36	35
52/ 51	.1	.4	.4	.5	.7	.7	.2	.0	.0									86	86	49	36
50/ 49	.1	.8	.7	.5	1.0	.8	.1	.0	.0									115	121	37	31
48/ 47	.2	.9	.6	1.5	1.5	.7	.1	.1	.1									156	156	73	38
46/ 45	.3	.9	1.7	2.4	1.4	.6	.2	.2	.2									211	211	76	44
44/ 43	.4	.8	1.5	1.7	1.7	.4	.0	.0	.0									184	186	134	65
42/ 41	.2	1.5	1.6	2.3	1.0	.2	.1	.1	.1									192	196	194	58
40/ 39	.5	1.3	2.9	2.2	.5	.2	.2	.2	.2									214	214	220	111
38/ 37	.3	1.8	2.4	2.2	.5	.5	.5	.5	.5									205	206	228	106
36/ 35	.5	2.4	2.6	1.8	.3	.0	.0	.0	.0									215	216	291	127
34/ 33	.5	2.3	2.3	1.2	.2	.2	.2	.2	.2									185	185	227	191
32/ 31	.5	2.4	1.7	.8	.1	.1	.1	.1	.1									157	157	262	213
30/ 29	.4	2.6	2.0	.5	.5	.5	.5	.5	.5									154	154	187	261
28/ 27	.6	1.7	1.2	.4	.4	.4	.4	.4	.4									112	112	177	210
26/ 25	.2	1.2	1.1	.1	.1	.1	.1	.1	.1									75	77	122	243
24/ 23	.2	1.9	.8	.8	.8	.8	.8	.8	.8									82	84	107	192
22/ 21	.4	1.0	.3	.3	.3	.3	.3	.3	.3									46	46	83	149
20/ 19	.1	.9	.4	.4	.4	.4	.4	.4	.4									40	40	55	92
18/ 17	.2	.7	.2	.2	.2	.2	.2	.2	.2									34	35	40	119
16/ 15	.0	.6	.3	.3	.3	.3	.3	.3	.3									26	26	26	115
14/ 13	.1	.7	.1	.1	.1	.1	.1	.1	.1									26	26	30	54
12/ 11	.0	.3	.3	.3	.3	.3	.3	.3	.3									9	9	28	60
10/ 9	.2	.2	.2	.2	.2	.2	.2	.2	.2									6	6	9	50
8/ 7	.0	.0	.0	.0	.0	.0	.0	.0	.0									1	1	1	47
Element (X)	Mean No. of Hours with Temperature																Total		Total		
Rel. Hum.	≤ 0 F																≥ 80 F		≥ 93 F		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13919 TINKER AFB OK/OKLAHOMA CITY 42-72

HRS. (L.S.T.)		STATION NAME												YEARS			
		JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL			
00-02	MEAN	33.7	37.9	44.1	56.1	63.7	72.4	76.1	75.5	68.5	58.2	45.5	37.0	55.6			
	S.D.	12.132	10.584	11.560	9.365	7.357	5.746	4.906	5.142	7.175	8.681	10.119	10.663	17.529			
	TOTAL OBS	2765	2463	2679	2594	2588	2557	2648	2688	2691	2695	2687	2830	31985			
03-05	MEAN	32.1	35.9	41.8	53.7	61.7	70.1	73.7	72.8	66.1	56.0	43.7	35.4	53.5			
	S.D.	12.087	10.607	11.441	9.417	7.297	5.488	4.467	4.803	7.044	8.706	10.225	10.589	17.256			
	TOTAL OBS	2774	2462	2684	2596	2689	2556	2646	2689	2695	2696	2687	2831	32005			
05-08	MEAN	31.0	34.8	41.2	54.1	63.1	71.8	75.4	74.0	66.5	55.8	42.8	34.4	53.6			
	S.D.	12.148	10.622	11.388	9.376	7.500	6.112	5.316	5.561	7.463	8.888	10.217	10.439	18.201			
	TOTAL OBS	2776	2460	2667	2591	2681	2558	2641	2691	2695	2691	2686	2828	31965			
09-11	MEAN	35.5	40.3	47.9	61.5	70.1	78.9	83.4	82.9	75.0	64.3	49.8	39.3	60.6			
	S.D.	12.628	11.713	12.659	9.950	8.526	7.341	7.007	7.072	8.982	9.767	10.664	10.866	19.668			
	TOTAL OBS	2768	2464	2681	2591	2684	2565	2642	2694	2686	2694	2684	2840	31993			
12-14	MEAN	42.2	47.3	54.5	67.5	75.1	84.1	88.7	88.8	81.1	70.9	56.5	46.0	66.8			
	S.D.	13.779	13.153	13.832	10.861	9.263	7.496	7.482	7.496	9.570	10.457	11.643	12.104	19.700			
	TOTAL OBS	2772	2461	2681	2590	2680	2560	2641	2686	2696	2692	2690	2833	31982			
15-17	MEAN	44.0	49.7	56.9	69.2	76.6	85.4	90.0	90.3	82.3	71.7	57.2	47.0	68.2			
	S.D.	14.045	13.259	14.110	10.880	9.221	7.491	7.694	7.662	9.541	10.505	11.680	12.298	19.638			
	TOTAL OBS	2772	2459	2680	2591	2688	2561	2641	2688	2692	2680	2695	2837	31993			
18-20	MEAN	38.9	44.7	52.3	64.5	72.4	81.3	85.6	85.0	76.4	65.2	51.3	41.8	63.2			
	S.D.	12.573	11.612	12.709	9.978	8.343	6.998	7.111	7.126	8.734	9.338	10.366	10.967	19.161			
	TOTAL OBS	2769	2459	2668	2584	2691	2560	2642	2692	2685	2694	2684	2820	31948			
21-23	MEAN	35.7	40.5	47.5	59.3	67.2	75.7	79.5	78.8	71.2	60.8	47.6	38.7	58.4			
	S.D.	12.196	10.659	11.717	9.307	7.441	5.936	5.568	5.665	7.609	8.878	10.063	10.729	17.975			
	TOTAL OBS	2764	2465	2679	2589	2682	2560	2642	2694	2696	2697	2687	2825	31980			
ALL HOURS	MEAN	36.6	41.4	48.3	60.7	68.7	77.5	81.6	81.0	73.4	62.9	49.3	40.0	60.0			
	S.D.	13.453	12.617	13.641	11.369	9.737	8.589	8.617	8.991	10.209	11.090	11.808	11.921	19.416			
	TOTAL OBS	22160	19693	21419	20726	21483	20477	21143	21522	21536	21548	21500	22644	255851			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

NET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13919 TINKER AFB OK/OKLAHOMA CITY 42-72

STATION		STATION NAME												YEARS	
HRS. (LST.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	30.9	34.4	39.5	50.3	58.7	66.6	69.1	68.0	62.0	52.6	41.0	33.8	50.5	
	S.D.	11.399	9.750	10.325	9.184	7.004	4.780	3.574	4.041	6.558	8.571	9.660	9.930	16.019	
	TOTAL OBS	2748	2448	2671	2590	2688	2556	2648	2688	2691	2695	2686	2816	31925	
03-05	MEAN	29.7	33.0	38.1	49.0	57.6	65.6	68.1	67.0	61.0	51.5	39.9	32.6	49.4	
	S.D.	11.571	9.973	10.568	9.495	7.218	4.875	3.573	4.143	6.748	8.842	9.942	9.923	16.203	
	TOTAL OBS	2754	2441	2675	2593	2688	2554	2646	2689	2695	2696	2687	2802	31920	
06-08	MEAN	28.9	32.1	37.6	49.3	58.4	66.5	69.1	67.7	61.2	51.3	39.3	31.9	49.4	
	S.D.	11.692	10.061	10.637	9.499	7.216	4.999	3.703	4.193	6.914	8.980	10.013	9.974	16.812	
	TOTAL OBS	2755	2437	2661	2587	2679	2555	2641	2691	2695	2691	2684	2804	31880	
09-11	MEAN	32.1	35.8	41.6	52.9	61.5	69.2	71.9	70.9	64.7	55.5	43.4	35.2	52.8	
	S.D.	11.533	10.078	10.625	9.021	7.014	5.035	3.593	3.863	6.617	8.482	9.504	9.773	16.512	
	TOTAL OBS	2754	2447	2680	2590	2683	2565	2642	2694	2686	2694	2681	2826	31942	
12-14	MEAN	36.3	39.9	45.0	55.3	63.4	70.8	73.0	72.1	66.4	57.9	46.6	39.1	55.4	
	S.D.	11.262	9.987	10.383	8.558	6.950	4.840	3.416	3.777	6.301	8.096	9.175	9.670	15.471	
	TOTAL OBS	2757	2453	2681	2589	2679	2560	2641	2686	2692	2692	2689	2820	31943	
15-17	MEAN	37.2	41.1	46.2	55.9	63.8	71.1	73.0	72.0	66.4	58.0	46.9	39.7	55.8	
	S.D.	11.121	9.771	10.096	8.281	6.775	4.716	3.392	3.805	6.093	7.910	9.012	9.588	15.087	
	TOTAL OBS	2761	2458	2680	2591	2688	2561	2640	2686	2692	2689	2694	2833	31973	
18-20	MEAN	34.3	36.5	44.0	54.1	62.5	70.0	72.1	70.9	64.7	55.7	44.0	36.8	53.9	
	S.D.	10.984	9.487	9.904	8.440	6.777	4.675	3.509	3.991	6.209	8.077	9.089	9.512	15.670	
	TOTAL OBS	2759	2454	2665	2584	2691	2560	2643	2692	2684	2694	2684	2804	31914	
21-23	MEAN	32.3	36.0	41.5	51.9	60.6	68.1	70.4	69.1	62.9	53.8	42.1	34.8	51.9	
	S.D.	11.244	9.455	10.009	8.802	6.807	4.618	3.522	3.996	6.438	8.376	9.373	9.783	15.877	
	TOTAL OBS	2751	2454	2675	2589	2682	2560	2642	2694	2696	2696	2687	2806	31932	
ALL HOURS	MEAN	32.7	35.4	41.7	52.3	60.8	68.5	70.8	69.7	63.7	54.6	42.9	35.3	52.4	
	S.D.	11.694	10.273	10.742	9.263	7.316	5.209	3.963	4.409	6.803	8.788	9.842	10.129	16.141	
	TOTAL OBS	22039	19592	21388	20713	21478	20471	21143	21520	21535	21547	21492	22511	255429	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13919 TINKER AFB OK/OKLAHOMA CITY 42-72

STATION

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN 25.4	28.5	33.1	44.5	55.1	63.5	65.6	64.1	57.8	47.5	35.2	28.3	45.7
	S.D. 13.422	11.782	12.380	11.942	8.362	5.446	4.763	5.559	8.346	11.077	12.012	11.745	17.835
	TOTAL OBS 2749	2448	2671	2590	2588	2555	2643	2688	2691	2695	2686	2816	31924
03-05	MEAN 24.7	27.9	32.7	44.2	54.6	63.1	65.3	63.9	57.6	47.2	34.9	27.6	45.2
	S.D. 13.681	11.925	12.418	11.991	8.476	5.501	4.562	5.352	8.242	11.135	12.081	11.641	17.969
	TOTAL OBS 2754	2441	2675	2593	2688	2554	2645	2689	2694	2696	2687	2802	31918
06-08	MEAN 24.2	27.2	32.5	44.3	55.1	63.8	66.0	64.5	57.9	47.1	34.5	27.1	45.3
	S.D. 13.673	11.925	12.482	12.086	8.549	5.459	4.437	5.094	8.304	11.213	12.107	11.725	18.363
	TOTAL OBS 2753	2436	2661	2587	2679	2555	2640	2692	2695	2691	2684	2804	31877
09-11	MEAN 25.7	28.6	33.6	44.8	55.8	64.5	66.6	65.3	58.6	48.2	35.6	28.7	46.3
	S.D. 13.684	12.026	12.921	12.772	9.087	5.880	4.575	5.074	8.651	11.549	12.160	11.737	18.260
	TOTAL OBS 2754	2447	2680	2590	2683	2565	2641	2694	2686	2694	2681	2826	31941
12-14	MEAN 27.0	29.6	33.9	44.6	55.9	64.5	65.9	64.2	57.9	47.7	35.4	29.4	46.3
	S.D. 13.231	12.015	12.993	12.821	9.478	6.064	4.843	5.660	8.950	11.850	12.268	11.880	17.848
	TOTAL OBS 2757	2453	2681	2589	2679	2560	2641	2686	2696	2692	2689	2820	31943
15-17	MEAN 27.1	29.7	33.8	44.4	55.7	64.2	65.2	63.2	57.0	47.1	35.2	29.6	45.9
	S.D. 13.186	12.057	12.779	12.732	9.525	6.096	5.115	6.013	9.090	11.887	12.184	11.760	17.615
	TOTAL OBS 2761	2458	2680	2591	2688	2561	2640	2685	2692	2689	2694	2833	31972
18-20	MEAN 26.5	29.5	33.9	44.7	56.1	64.6	65.8	64.0	57.6	47.8	35.3	29.2	46.2
	S.D. 13.225	11.940	12.611	12.510	9.167	5.755	5.093	6.085	8.703	11.374	11.977	11.629	17.803
	TOTAL OBS 2759	2454	2665	2584	2691	2560	2643	2692	2684	2694	2684	2803	31913
21-23	MEAN 26.0	29.1	33.7	44.9	56.1	64.3	66.0	64.2	57.7	47.7	35.1	28.6	46.1
	S.D. 13.362	11.718	12.400	12.078	8.524	5.418	4.775	5.753	8.544	11.120	11.976	11.727	17.856
	TOTAL OBS 2751	2453	2675	2589	2682	2560	2642	2694	2696	2696	2687	2806	31931
ALL HOURS	MEAN 25.5	28.8	33.4	44.6	55.6	64.1	65.8	64.2	57.8	47.5	35.1	28.5	45.9
	S.D. 13.468	11.951	12.635	12.371	8.920	5.729	4.794	5.610	8.617	11.409	12.100	11.757	17.949
	TOTAL OBS 22037	19590	21388	20713	21478	20470	21140	21520	21534	21547	21492	22510	255419

DATA PROCESSING BRANCH
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13919 TINKER AFB OK/OKLAHOMA CITY

42-72

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.5	96.7	89.8	78.6	64.1	47.8	30.9	14.0	67.8	22035
FEB		100.0	99.0	93.6	84.0	71.8	57.9	42.4	27.6	13.0	64.5	19591
MAR		99.9	97.5	90.0	78.6	65.2	51.3	37.3	23.3	9.7	60.8	21384
APR		100.0	97.6	89.6	77.0	62.9	48.9	34.6	21.2	7.3	59.5	20712
MAY		100.0	99.7	97.0	89.3	77.4	61.4	43.7	25.5	8.7	65.8	21476
JUN		100.0	100.0	99.1	93.9	80.8	61.9	41.2	20.8	4.8	65.7	20470
JUL		100.0	99.9	96.6	86.8	70.8	52.4	34.3	18.0	4.6	61.9	21142
AUG		100.0	99.7	94.7	82.5	66.2	48.6	31.8	16.8	4.1	60.0	21518
SEP		100.0	99.1	93.4	83.0	68.7	53.0	37.5	22.2	6.9	61.9	21535
OCT		100.0	98.4	91.8	81.0	67.0	51.5	35.9	22.1	3.6	61.3	21540
NOV		100.0	99.1	93.4	82.0	68.1	52.2	35.6	21.4	8.7	61.6	21491
DEC		100.0	99.5	96.3	88.7	76.8	62.1	45.1	29.1	13.2	66.7	22505
TOTALS		100.0	99.1	94.4	84.7	71.2	55.4	38.9	23.3	8.6	63.1	255399

RELATIVE HUMIDITY

STATION	61601
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STATION NAME
TINKER AFB OK/OKLAHOMA CITY

43-72

JAN
MON

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.7	97.2	90.0	77.2	57.5	37.4	16.6	73.2	2747
	03-05	100.0	100.0	99.8	98.2	83.4	82.0	63.2	42.1	19.1	75.4	2754
	06-08	100.0	100.0	99.9	99.1	94.7	84.1	69.1	45.5	19.1	76.8	2754
	09-11	100.0	99.9	98.9	94.0	83.4	66.7	48.5	1.8	14.8	69.6	2753
	12-14	100.0	98.9	91.8	77.4	58.7	42.7	30.8	19.3	9.6	58.5	2757
	15-17	100.0	97.7	87.4	70.9	52.8	39.2	27.5	17.0	8.6	55.6	2760
	18-20	100.0	99.7	96.6	86.4	71.9	53.3	37.9	23.7	10.5	63.6	2759
	21-23	100.0	100.0	99.2	94.8	84.0	67.9	48.1	30.2	14.0	69.5	2751
TOTALS		100.0	99.5	96.7	89.8	78.6	64.1	47.8	30.9	14.0	67.8	22035

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	13919
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STATION NAME
TINKER AFB OK/OKLAHOMA CITY

43-72

PERIOD

FEB MON

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	99.9	99.3	95.6	85.4	70.0	52.7	34.5	16.0	70.9	2448
	03-05	100.0	100.0	99.6	96.8	90.4	78.4	59.4	40.5	18.9	74.0	2441
	06-08	100.0	100.0	99.9	97.7	92.0	81.7	63.5	41.1	18.9	75.2	2437
	09-11	100.0	99.8	96.8	88.8	74.6	58.2	41.8	27.3	12.7	65.6	2447
	12-14	100.0	97.6	85.5	67.9	50.9	36.7	27.0	16.7	8.0	54.6	2452
	15-17	99.9	95.2	79.0	58.8	44.8	32.2	21.4	14.6	7.7	51.0	2458
	18-20	100.0	99.2	90.7	76.2	60.0	45.8	30.7	19.9	9.3	58.7	2454
	21-23	100.0	100.0	98.1	89.9	76.4	60.1	43.0	27.8	12.2	66.3	2454
TOTALS		100.0	99.0	93.6	84.0	71.8	57.9	42.4	27.8	13.0	64.5	19591

RELATIVE HUMIDITY

MAR

PERIOD

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
MAR	00-02	100.0	99.9	98.1	90.9	79.2	63.4	46.4	25.4	11.5	67.5	2671
	03-05	100.0	99.8	99.0	95.8	87.2	74.1	56.0	34.4	14.5	71.7	2675
	06-08	100.0	100.0	99.4	96.3	88.3	76.3	59.7	37.1	15.6	72.9	2659
	09-11	100.0	98.8	92.2	81.1	66.4	51.7	36.4	21.6	9.6	61.4	2680
	12-14	99.9	94.0	79.2	60.6	45.0	31.6	21.4	13.8	5.5	50.5	2681
	15-17	99.7	90.9	72.5	53.9	37.2	25.5	17.6	12.4	4.8	46.9	2680
	18-20	99.9	96.7	84.2	67.6	51.3	36.7	24.9	15.4	6.8	53.8	2663
	21-23	100.0	99.6	95.3	82.4	67.1	51.2	35.7	21.9	9.3	61.8	2675
TOTALS		99.9	97.5	90.0	78.6	65.2	51.3	37.3	23.3	9.7	60.8	21364

RELATIVE HUMIDITY

61651

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

ARR

STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	99.8	98.6	92.4	79.5	64.9	46.4	27.5	9.2	67.3	2590
	03-05	100.0	99.9	99.0	95.8	86.8	73.9	56.8	37.5	13.4	72.0	2593
	06-08	100.0	100.0	98.9	95.2	85.9	72.2	56.6	37.1	12.6	71.5	2587
	09-11	100.0	98.4	90.9	76.9	60.2	43.9	29.5	16.3	5.8	57.7	2590
	12-14	99.9	93.9	77.3	56.2	39.9	26.5	16.3	10.0	3.1	47.9	2589
	15-17	100.0	91.7	72.3	49.4	34.5	23.0	14.5	8.8	3.0	45.2	2591
	18-20	100.0	97.1	83.9	66.5	48.5	34.6	21.7	12.2	4.4	52.5	2584
	21-23	100.0	99.7	95.6	83.8	67.7	51.9	35.2	20.0	6.5	61.6	2588
TOTALS		100.0	97.6	89.6	77.0	62.9	48.9	34.6	21.2	7.5	59.5	20712

RELATIVE HUMIDITY

MAY

PERIOD

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.2	95.5	84.2	62.3	38.1	12.3	74.7	2688
	03-05	100.0	100.0	99.9	99.4	97.5	91.9	75.8	43.8	17.1	78.6	2688
	06-08	100.0	100.0	99.8	99.0	95.5	87.2	69.2	42.5	13.9	76.4	2679
	09-11	100.0	99.8	97.8	89.9	75.0	53.8	32.6	17.6	6.3	62.8	2683
	12-14	100.0	99.3	92.8	75.0	53.8	33.0	19.0	10.2	3.5	54.1	2678
	15-17	100.0	99.0	89.8	69.4	46.7	26.6	16.9	9.5	3.8	51.5	2687
	18-20	100.0	99.7	96.5	85.1	67.2	44.8	26.0	13.2	4.5	59.2	2691
	21-23	100.0	100.0	99.7	97.4	88.3	69.9	48.0	24.8	8.2	69.3	2682
TOTALS		100.0	99.7	97.0	89.3	77.4	61.4	43.7	25.5	8.7	65.8	21476

RELATIVE HUMIDITY

13919

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

PERIOD

22

— MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.9	97.8	87.4	66.0	33.8	6.9	74.6	2556
	03-05	100.0	100.0	100.0	99.9	99.4	94.8	79.7	50.5	12.3	79.2	2553
	06-08	100.0	100.0	100.0	100.0	99.0	92.0	72.6	41.1	9.6	76.8	2555
	09-11	100.0	100.0	99.6	96.4	81.7	55.4	28.0	10.6	2.8	62.9	2565
	12-14	100.0	99.9	97.7	84.8	55.7	27.2	10.7	3.6	1.0	53.5	2560
	15-17	100.0	99.9	96.4	78.6	47.4	20.4	8.2	3.3	1.0	51.0	2561
	18-20	100.0	99.9	99.1	92.0	72.5	42.4	18.5	6.4	1.1	58.6	2560
	21-23	100.0	100.0	100.0	99.2	93.1	75.4	46.0	17.1	3.6	68.9	2560
TOTALS		100.0	100.0	99.1	93.9	80.8	61.9	41.2	20.3	4.8	65.7	20470

RELATIVE HUMIDITY

61631

TINKER AFB OK/OKLAHOMA CITY

43-45,47-72

STATION

STATION NAME

PERIOD

700

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	99.9	98.9	93.3	75.3	53.0	29.5	6.7	71.2	2647
	03-05	100.0	100.0	100.0	99.4	97.1	87.5	68.9	41.0	11.7	76.2	2646
	06-08	100.0	100.0	100.0	99.7	96.1	82.7	60.0	33.5	8.9	73.8	2641
	09-11	100.0	100.0	98.7	89.6	69.3	43.1	22.0	10.2	3.1	59.2	2642
	12-14	100.0	99.8	91.7	70.5	40.3	20.9	9.6	3.2	1.1	49.2	2641
	15-17	100.0	99.3	87.2	60.6	32.7	16.8	7.8	3.9	1.0	46.4	2640
	18-20	100.0	99.9	95.6	73.9	54.8	32.9	16.0	6.1	1.4	54.0	2643
	21-23	100.0	100.0	99.8	96.4	82.4	59.7	36.8	16.4	2.7	65.0	2642
TOTALS		100.0	99.9	96.6	86.8	70.8	52.4	34.3	18.0	4.6	61.9	21142

RELATIVE HUMIDITY

AJG

PERIOD

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	99.9	97.8	88.4	71.4	49.3	26.3	6.1	69.4	2688
	03-05	100.0	100.0	100.0	99.4	95.6	83.1	63.8	39.2	10.7	74.9	2689
	06-08	100.0	100.0	99.9	99.0	95.1	82.0	60.7	34.8	9.0	73.7	2692
	09-11	100.0	100.0	97.8	87.7	65.7	39.2	19.7	9.1	1.8	57.6	2694
	12-14	100.0	99.4	87.7	60.1	33.2	16.8	7.7	2.7	1.0	46.5	2685
	15-17	100.0	98.6	80.3	49.5	25.7	13.0	6.2	2.7	.4	43.2	2685
	18-20	100.0	99.6	92.5	73.6	49.7	29.5	13.8	5.2	.6	51.9	2691
	21-23	100.0	100.0	99.2	93.2	76.3	53.9	32.8	14.7	3.0	62.9	2694
TOTALS		100.0	99.7	94.7	82.5	66.2	48.6	31.8	16.8	4.1	60.0	21518

RELATIVE HUMIDITY

5-15

PERIOD

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	99.5	96.2	86.6	73.4	54.7	31.6	8.7	70.5	2691
	03-05	100.0	100.0	100.0	98.5	93.2	82.8	67.6	42.7	13.5	75.4	2694
	06-08	100.0	100.0	99.9	98.0	92.9	82.1	66.4	43.7	13.8	75.4	2695
	09-11	100.0	99.7	94.9	84.1	67.6	46.8	28.0	15.4	5.0	59.7	2686
	12-14	99.9	97.7	83.8	64.2	39.8	22.3	12.8	6.5	2.3	48.4	2696
	15-17	100.0	95.8	79.4	55.4	32.8	18.8	10.2	5.6	2.3	45.5	2693
	18-20	100.0	99.2	91.5	77.5	58.2	36.4	21.7	10.8	3.8	55.3	2684
	21-23	100.0	100.0	98.1	90.3	78.1	61.0	38.7	21.1	5.7	64.8	2696
TOTALS		100.0	99.1	93.4	83.0	68.7	53.0	37.5	22.2	6.9	61.9	21535

RELATIVE HUMIDITY

MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
OCT	00-02	100.0	100.0	98.6	93.5	85.3	70.8	49.1	30.4	11.4	69.6	2693
	03-05	100.0	100.0	99.5	96.6	89.9	78.7	61.1	39.8	16.5	73.9	2696
	06-08	100.0	100.0	99.4	96.4	90.2	79.3	61.9	40.6	16.4	74.2	2689
	09-11	100.0	99.3	93.8	80.5	63.7	44.8	29.0	16.7	6.5	59.0	2693
	12-14	99.9	96.0	79.0	58.7	37.3	22.3	13.7	7.6	3.2	47.4	2691
	15-17	99.9	93.4	76.2	52.8	32.9	20.1	12.5	7.5	3.1	45.3	2689
	18-20	100.0	98.9	91.6	78.9	59.1	39.1	22.8	13.3	4.3	56.3	2693
	21-23	100.0	99.9	96.6	90.9	77.3	57.2	36.9	20.8	7.7	64.3	2696
TOTALS		100.0	98.4	91.8	81.0	67.0	51.5	35.9	22.1	8.6	61.3	21540

RELATIVE HUMIDITY

STATION	13919
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STATION NAME
TINKER AFB OK/OKLAHOMA CITY

43-72

PERIOD

MON NOV

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NEV	00-02	100.0	100.0	99.2	94.8	84.3	69.0	47.8	27.8	10.4	69.1	2685
	03-05	100.0	100.0	99.8	97.4	90.7	76.5	56.8	34.7	13.0	72.4	2687
	06-08	100.0	100.0	99.	97.8	92.7	79.3	59.7	37.3	14.2	73.6	2684
	09-11	100.0	99.8	96.0	84.0	66.7	47.8	31.1	17.9	8.2	60.7	2681
	12-14	100.0	97.3	81.3	58.4	39.7	25.0	15.8	9.8	5.0	48.8	2689
	15-17	100.0	95.8	78.8	54.4	36.5	23.4	14.2	9.1	4.3	47.2	2694
	18-20	100.0	99.8	93.9	78.9	59.7	39.9	24.0	13.6	5.7	57.1	2684
	21-23	100.0	100.0	98.1	90.5	74.7	56.3	35.5	20.7	8.6	64.1	2687
TOTALS		100.0	99.1	93.4	82.0	68.1	52.2	35.6	21.4	8.7	61.6	21491

RELATIVE HUMIDITY

STATION
13919

STATION NAME
TINKER AFB OK/OKLAHOMA CITY

42-72

230

STATION NAME

PERIOD

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.5	97.6	88.2	73.8	53.5	35.5	16.7	72.1	2815
	03-05	100.0	100.0	99.9	98.3	91.9	79.6	60.0	40.6	18.4	74.4	2802
	06-08	100.0	100.0	99.9	98.8	94.0	82.9	64.6	41.8	18.9	75.8	2803
	09-11	100.0	99.9	98.6	92.4	80.0	63.9	44.8	28.3	13.5	67.8	2826
	12-14	100.0	98.4	89.7	72.0	54.9	38.8	27.0	17.5	8.3	56.2	2818
	15-17	100.0	97.7	86.8	68.3	51.6	37.6	25.7	16.3	8.2	54.8	2832
	18-20	100.0	99.9	90.8	87.1	70.8	54.2	37.6	22.5	9.5	63.4	2804
	21-23	100.0	100.0	98.9	94.9	82.7	65.9	47.4	30.6	12.4	68.9	2805
TOTALS		100.0	99.5	96.3	88.7	76.8	62.1	45.1	29.1	13.2	66.7	22505

U S AIR FORCE
ENVIRONMENTAL, TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

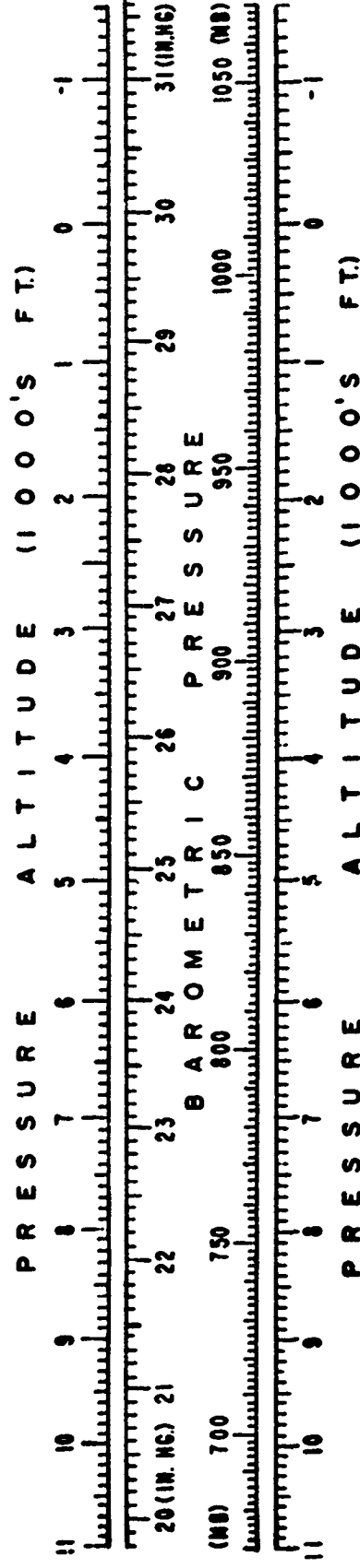
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13919 TINKER AFB OK/OKLAHOMA CITY 46-63,65-72

STATION

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	28.730 S.D. TOTAL OBS	28.691 .230 766	28.618 .222 736	28.575 .202 711	28.579 .148 742	28.563 .114 701	28.628 .089 727	28.630 .095 771	28.644 .126 775	28.669 .162 775	28.697 .216 773	28.709 .222 803	28.646 .186 8959
03	28.724 S.D. TOTAL OBS	28.680 .234 770	28.607 .226 740	28.563 .204 713	28.570 .148 741	28.555 .114 703	28.621 .088 729	28.625 .088 772	28.640 .127 774	28.665 .165 775	28.691 .219 773	28.703 .224 801	28.638 .188 8970
06	28.720 S.D. TOTAL OBS	28.686 .237 773	28.618 .226 727	28.582 .205 711	28.589 .148 739	28.577 .114 703	28.642 .089 724	28.643 .096 774	28.657 .129 774	28.679 .168 772	28.698 .227 769	28.702 .221 796	28.651 .188 8939
09	28.755 S.D. TOTAL OBS	28.718 .240 768	28.651 .231 739	28.613 .208 709	28.617 .149 739	28.602 .114 705	28.666 .088 726	28.667 .091 773	28.685 .130 770	28.711 .171 774	28.731 .226 770	28.732 .226 805	28.680 .190 8956
12	28.749 S.D. TOTAL OBS	28.714 .239 770	28.640 .231 738	28.602 .207 711	28.605 .148 738	28.591 .112 704	28.653 .088 725	28.654 .090 770	28.671 .128 774	28.693 .169 773	28.714 .225 774	28.719 .229 803	28.668 .189 8958
15	28.695 S.D. TOTAL OBS	28.658 .230 769	28.583 .225 738	28.551 .204 711	28.565 .145 742	28.554 .110 703	28.614 .087 724	28.608 .090 772	28.618 .127 775	28.641 .165 771	28.664 .219 773	28.672 .215 802	28.620 .185 8959
18	28.708 S.D. TOTAL OBS	28.660 .224 771	28.575 .218 732	28.537 .200 707	28.538 .143 741	28.525 .110 704	28.584 .087 722	28.582 .090 772	28.604 .126 771	28.639 .161 774	28.675 .213 769	28.685 .219 795	28.611 .185 8936
21	28.728 S.D. TOTAL OBS	28.684 .227 768	28.605 .220 739	28.567 .200 710	28.565 .142 741	28.546 .112 702	28.607 .087 726	28.611 .089 773	28.636 .124 775	28.664 .161 774	28.697 .213 773	28.703 .220 800	28.636 .185 8961
ALL HOURS	28.726 S.D. TOTAL OBS	28.686 .233 6155	28.612 .226 5889	28.574 .205 5683	28.579 .148 5923	28.564 .115 5625	28.627 .091 5803	28.628 .095 6177	28.644 .129 6188	28.670 .167 6188	28.696 .220 6174	28.703 .224 6405	28.644 .188 71638

DATA PROCESSING BRANCH
JSAF ETAC
AIR WEATHER SERVICE/PAC

NS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE 1. MBS FROM HOURLY OBSERVATIONS

42-72

TINKER AFB OK/OKLAHOMA CITY

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	1019.9 8.549 919	1018.3 7.862 820	1015.6 8.148 883	1013.3 7.329 851	1013.2 5.449 897	1012.2 4.323 851	1014.3 3.230 882	1014.1 3.336 895	1015.2 4.496 893	1016.9 5.946 899	1018.2 7.870 895	1019.3 8.195 944	1015.9 6.980 10629
03	1019.7 8.735 23	1017.9 8.056 321	1015.3 8.244 887	1012.9 7.418 853	1012.9 5.468 896	1011.9 4.323 852	1014.1 3.188 883	1014.0 3.321 896	1015.1 4.521 893	1016.7 6.058 899	1018.0 7.980 897	1019.0 8.279 942	1015.7 7.068 10642
06	1019.6 8.774 925	1018.2 8.081 819	1015.8 8.242 874	1013.7 7.493 850	1013.6 5.444 893	1012.8 4.308 853	1014.9 3.190 879	1014.7 3.331 898	1015.8 4.570 895	1017.4 6.148 896	1018.4 8.057 893	1019.1 8.277 938	1016.2 7.002 10613
09	1020.9 8.887 921	1019.5 8.188 820	1016.9 8.391 886	1014.8 7.613 851	1014.6 5.490 895	1013.6 4.315 855	1015.7 3.169 881	1015.6 3.406 898	1016.8 4.582 890	1018.5 6.255 897	1019.6 8.153 892	1020.3 8.316 946	1017.3 7.117 10632
12	1020.5 8.879 920	1019.2 8.171 820	1016.5 8.376 884	1014.2 7.538 852	1014.1 5.454 893	1013.2 4.269 854	1015.2 3.176 880	1015.1 3.418 894	1016.2 4.528 894	1017.7 6.205 897	1018.9 8.158 896	1019.7 8.328 944	1016.7 7.096 10628
15	1018.6 8.534 919	1017.1 8.016 820	1014.4 8.208 884	1012.5 7.438 853	1012.6 5.350 897	1011.9 4.185 853	1013.8 3.164 879	1013.4 3.408 897	1014.3 4.505 894	1015.9 6.043 895	1017.1 7.949 898	1018.0 8.214 944	1015.0 6.915 10633
18	1019.2 8.359 923	1017.3 7.807 820	1014.2 7.961 878	1012.1 7.283 849	1011.8 5.260 896	1010.9 4.185 852	1012.8 3.176 877	1012.6 3.386 896	1014.0 4.505 889	1016.0 5.935 898	1017.6 7.706 891	1018.5 8.146 937	1014.8 6.989 10606
21	1020.0 8.459 919	1018.2 7.758 821	1015.3 7.995 885	1013.1 7.278 851	1012.7 5.238 894	1011.7 4.209 852	1013.6 3.167 880	1013.6 3.358 896	1015.1 4.446 894	1016.9 5.937 897	1018.4 7.736 896	1019.2 8.187 940	1015.7 6.978 10625
ALL HOURS	1019.9 8.670 7369	1018.2 8.027 6561	1015.5 8.239 7061	1013.3 7.466 6810	1013.2 5.455 7161	1012.3 4.342 6822	1014.3 3.299 7041	1014.2 3.487 7170	1015.3 4.602 7142	1017.0 6.117 7178	1018.3 7.981 7158	1019.1 8.265 7535	1015.9 7.067 8500